

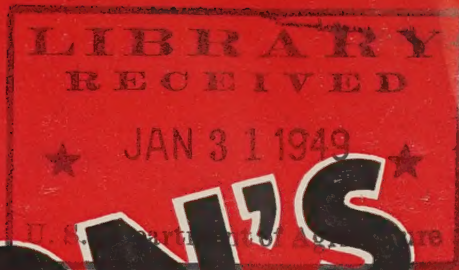
## **Historic, Archive Document**

Do not assume content reflects current  
scientific knowledge, policies, or practices.



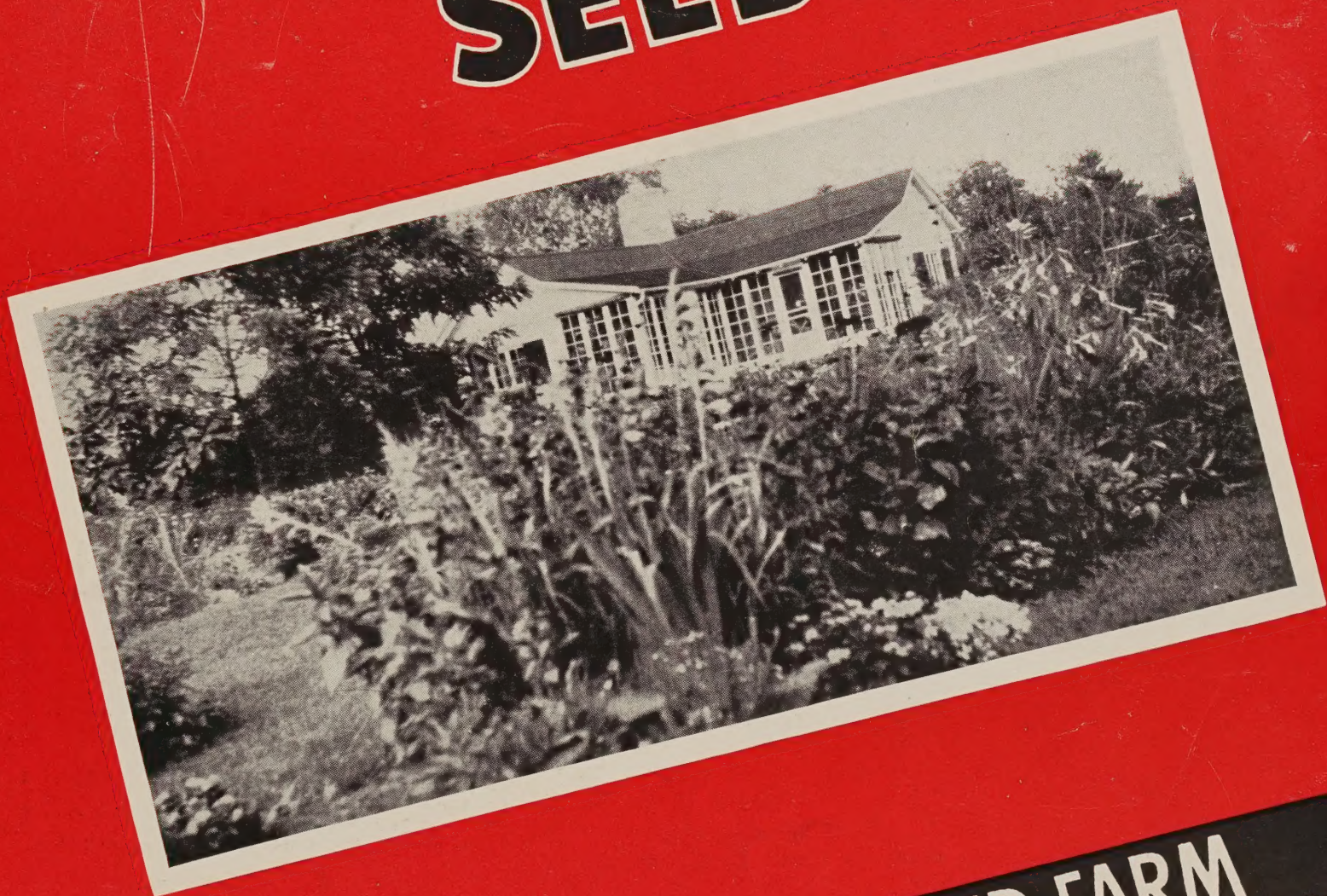


62,37  
1949



# RICHARDSON'S SEEDS

Baltimore, Md.



SUPPLIES FOR THE GARDEN AND FARM

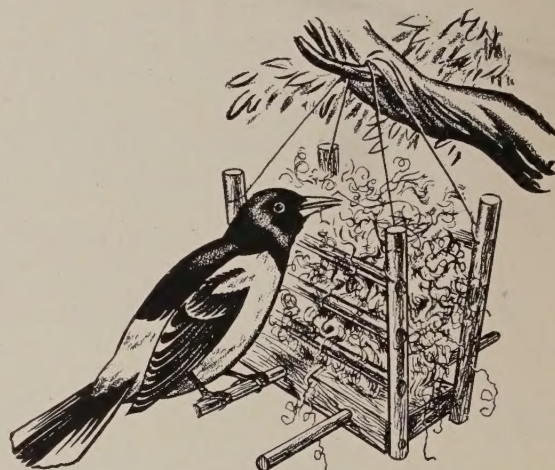
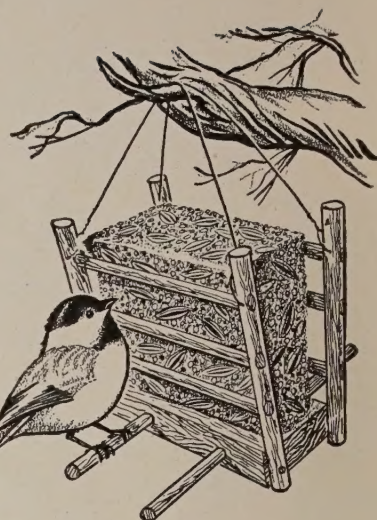


Visit our stores and make your selection from the many styles on display.

## No. 115 SUET RACK

This Suet Rack incorporates an entirely new principle in bird feeder construction. Designed especially to hold Bishop Wild Bird Cakes, this feeder—because it is self-closing—always holds the cake firmly as it is eaten. There is no waste as birds can reach the last crumb.

Price \$1.50



## No. 215 NESTING MATERIALS

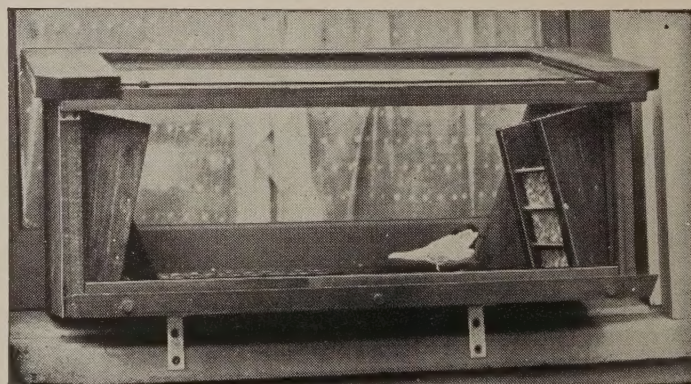
Orioles, Chipping Sparrows, Robins and many other species can be attracted by putting out nesting material in this handy rack so constructed that the string, yarn, etc., is prevented from falling out no matter how little is in the holder. Easy to put up; simply hang from limb, arbor, or post. Complete with nesting material sufficient for several fillings. Price, neatly boxed, \$1.45

## BIRD-HOUSE AND FEEDERS

All Numbers below are Rustic except Skylight Feeders.

No. 80—Robin Shelter .....	\$1.75
No. 59—Bluebird House .....	2.00
No. 76—Wren House .....	1.75
No. 77—Feeder .....	1.35
No. 83—Wren House .....	2.75
No. 84—Wren House .....	2.75
No. 89—Feeder .....	1.75
No. 101—Suet Rack .....	1.25
No. 104—Seed Feeder .....	3.50
No. 113—Wren House .....	1.50
No. 114—Bluebird House .....	1.50
No. 115—Wren House .....	1.50
No. 124—Skylight Window Feeder, 17 inches .....	4.75
No. 119—Skylight Window Feeder, 24 inches .....	6.60

Wild Bird Feed and Sunflower Seed at Market Prices



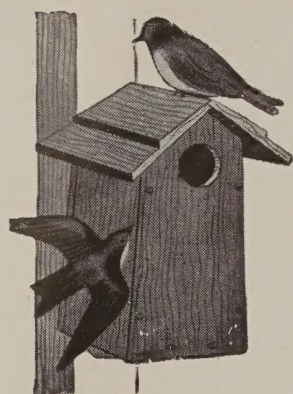
No. 119 Skylight Window Feeder

## THE CHICKADEE No. V2

For Chickadee, Nuthatch, Downy Woodpecker, Carolina Wren or Titmouse. Weight 3 lbs. Price \$2.95

## THE BLUEBIRD No. V3

For Bluebird, Tree or Violet Green Swallow. Weight 3 lbs. Price \$2.95



No. V3

## COMMUNITY DINER

Aerial Picnic Grounds for Clinging and Perching Birds i.e., Chickadees, Nuthatches, Woodpeckers, etc., and Juncos, Song Sparrows, Rose-Breasted Grosbeaks, Catbirds, Mockingbirds, Purple Finches, etc.

No. C—DD filled.....\$1.50

No. CDE—Filled and 24 extra Tidbits (CT 24).....\$2.45

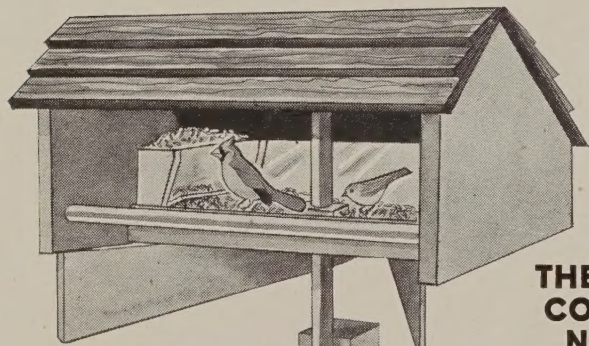
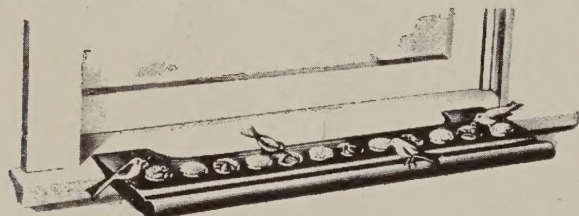
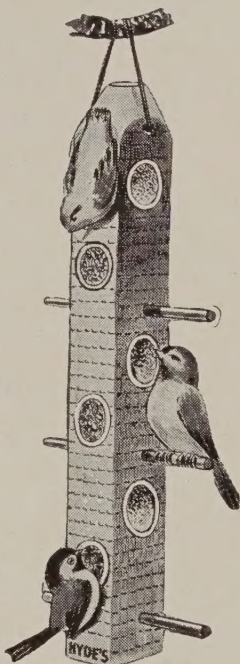
Both gift boxed. Weight 2½ lbs. Refill same as for festive board W1.

## FESTIVE BOARD No. W1

Ready to use window sill feeder at an unbelievably low price. Filled with 12 Tidbits. 24 inches long. Weight 2 lbs. Boxed.....Price \$1.50

### Tidbit Refills—

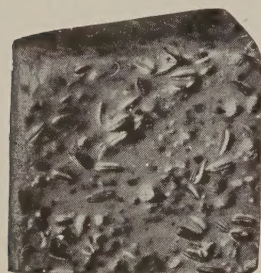
Box of 24.....\$1.15  
3 boxes for.....3.25  
6 boxes for.....6.00



THE CAPE COD INN No. R3

This spacious revolving Feeder is a reproduction of Cape Cod Cottage, sparkling white with green roof. Easy to install on any post. Vanes keep glassed-in front faced toward the wind and weather, protecting the interior. With seed hopper and cake holder. 16 by 23 inches. Weight 18 lbs. Price.....\$12.95

No. R3S. Same as R3 except stained brown.....\$10.50



Suet Cake

A complete food, in cake form, molded of pure suet with a dozen varieties of seeds, grains and berries that birds never tire of and especially selected for their food value.

Price 45c each—\$5.00 per dozen



# Flower Seeds



*Long Spurred Columbine*

## AGERATUM *Annual* (Floss Flower)

One of the best bedding plants, being literally a sheet of color all summer.

**Blue Cap.** Large, rich blue flowers in dome-shaped heads. Height, 8 inches. **Pkt. 10c; ¼ oz. 75c.**

**Blue Perfection.** Deep blue flowers. Compact grower. Height, 9 inches. **Pkt. 10c; ¼ oz. 65c.**

**Little Dorrit, Blue.** Flowers bright blue. Used largely for edging. Height, 6 inches. **Pkt. 10c; ¼ oz. 70c.**

## ALYSSUM *Annual*

**Carpet of Snow.** Pure white. 3 inches high. A favorite for edging. **Pkt. 10c; ¼ oz. 35c; ½ oz. 50c.**

**Lilac Queen.** Deep lilac. Height, 6 inches. **Pkt. 10c; ¼ oz. 65c; ½ oz. \$1.00.**

**Sweet (A. maritimum).** Plants of trailing habit, covered with pure white, sweet-scented flowers all summer. **Pkt. 10c; ¼ oz. 20c; ½ oz. 30c.**

## AMARANTHUS *Annual* (Summer Poinsettia)

Annuals with brilliant foliage, growing from 3 to 5 feet high. Plant in hot, sunny location.

**Molten Fire.** Best and showiest. Bronze foliage, tipped with fiery scarlet. **Pkt. 10c; ¼ oz. 65c.**

**Tricolor (Joseph's Coat).** Yellow, red and green foliage. **Pkt. 10c; ¼ oz. 40c.**

## ANCHUSA

*Annual*

**Bluebird.** Dwarf, compact type, about 15 inches high, with indigo-blue flowers. **Pkt. 10c; ¼ oz. 45c.**

*Perennial*

**Italica, Dropmore Variety.** Large, gentian-blue flowers the entire summer. Height 4 feet. **Pkt. 10c; ¼ oz. 45c.**

**ANNUALS** live and bloom only one season.

**BIENNIALS** will live two seasons; sometimes blooming only the second season.

**PERENNIALS** tend to live from year to year. Seeds of perennials should be sown in late summer and covered well during winter.

Fine seeds can be sown indoors or in cold frame, and transplanted to the open the latter part of April.

## ANEMONE *Perennial* (Windflower)

**St. Brigid.** Both double and semi-double flowers in May and June. Should have winter protection. Height, 1½ feet. **Pkt. 15c.**

## ANTIRRHINUM *Annual* (Snapdragon)

An easily grown annual which blooms through summer and fall. Height, 2½ feet.

## TETRA SNAP

Tetra is the most satisfactory outdoor Snapdragon offered today. Being a tetraploid, it is a vigorous grower, almost never "crippled" with rust, and big husky plants. Blooming size plants are tall, but with finger-thick stems that keep the spikes erect and the tips straight. Florets are huge, mostly ruffled, and stay on the stem so that 12" flower spikes are usual. Colors cover the full range, with a majority of flowers richly veined. Mixed colors only. **Pkt. 25c.**

## Giant-Flowering Tall Varieties (Rust-Proof)

A new disease-resistant strain which anyone can grow safely.

**Apple Blossom.** Rose-pink.

**Canary Bird.** Yellow.

**Copper Shades.**

**Crimson.**

**Alaska.** White.

**Loveliness.** Rose-pink.

Each, **pkt. 10c; 1/16 oz. 40c.**

**De Luxe Mixture.** **Pkt. 10c; ½ oz. 50c.**

## AQUILEGIA *Perennial* (Columbine)

Graceful plants that bear a profusion of flowers in early summer. Will grow in shade or sun.

**Giant Long-spurred, Blue Shades.** All the shades of light and dark blue. **Pkt. 15c; ½ oz. \$1.00.**

**Giant Long-spurred, Pink Shades.** All the shades of light and dark pink. **Pkt. 15c; ½ oz. \$1.00.**

**Crimson Star.** New. Rich crimson sepals and spurs in contrast to the white petals. **Pkt. 15c; 1/16 oz. \$1.00.**

**Giant Long-spurred, Improved Varieties, Mixed.** Includes all colors. Flowers are extra large, and the spurs very long. **Pkt. 15c; ½ oz. \$1.00.**

*Richardson's*

*Griffith & Turner's*

*Wiseman-Downs'*

## Basket of Gold

*Perennial*

(Alyssum saxatile compactum.) Bright yellow flowers from April to June. Height, 1 foot. **Pkt. 10c; ¼ oz. 40c; ½ oz. 65c.**

## ARABIS *Perennial* (Rock Cross)

**Alpina.** Showy border and rockery plants, with a mass of white flowers in April. Height, 6 inches. **Pkt. 10c; ¼ oz. 75c.**

## ARCTOTIS *Annual* (African Lilac Daisy)

**Grandis.** Large flowers, pure white on upper surface, lilac-blue beneath. Blooms from July until frost. Height, 2 to 3 feet. **Pkt. 10c; 1/16 oz. 40c.**

**Hybrids, Autumn Shades.** Bright daisy-like flowers throughout the latter part of the summer and until frost. Colors in typical autumn tones. **Pkt. 10c.**



*Snapdragon Giant Rust Proof*



## FLOWER SEEDS

### ASTERS *Annual*

#### Early Blooming Varieties

**Early Beauty.** Wilt-resistant. Plants grow from 2½ to 3 feet high with long stems bearing large, double, globular flowers with incurved petals. Blooms in July.

**Azure-Blue**  
**Carmine-Rose**

**Crimson**  
**Flesh-Pink**

**Purple**  
**White**

**Mixed.**

Each, pkt. 10c; ½ oz. 45c

Pkt. 10c; ½ oz. 40c.

#### Midseason Blooming Varieties

**Improved Giant Crego.** Wilt-resistant. Large, double, well-formed flowers, 4 to 5 inches across, with long, ribbon-like petals, gracefully curled and twisted. Height, 2 feet.

**Blue Flame**  
**Crimson**

**Royal Purple**  
**Shell-Pink**

**White**  
**Mixed**

Each, pkt. 10c; ½ oz. 40c; ¼ oz. 75c

### BALLOON VINE (Love-in-a-Puff)

#### *Annual*

A rapid and free grower, reaching a height of 5 to 10 feet. Pkt. 10c.

### BALSAM (Touch-Me-Not; Lady's Slipper)

#### *Annual*

**Double Camellia-flowered.** Bushy plants 18" tall, with double blooms, 2½ inches across, nestled close against the stem. Mixed colors. Pkt. 10c; ¼ oz. 25c.

### BALSAM APPLE *Annual*

A splendid annual climber with graceful light green foliage, small yellow flowers. Pkt. 10c.

### BELLIS PERENNIS *Annual* (English Daisy)

Little rosettes of dark green foliage. Short-stemmed double flowers. Double, Mixed. Pkt. 10c.

Asters are one of the best  
Annuals for late summer. Fine  
for cutting. Plant more of  
them.

### CALLIOPSIS

Very showy annuals of easy culture, blooming all summer. Do not transplant.

Tall, Mixed. Pkt., 10c; ½ oz. 35c.

Dwarf, Mixed. Pkt. 10c; ¼ oz. 20c.

### COBEA *Annual*

**Scandrens (Cathedral Bell).** A rapid growing climber, lovely bell-shaped, blue flower. Pkt. 10c.

Beauty Aster Wilt Resistant

### CALENDULA *Annual*

Splendid free-flowering annuals of easy culture. One of the most desirable cut flowers.

**Lemon Queen.** Rich golden yellow.

**Orange King.** Deep orange. Pkt. 10c; ¼ oz. 25c; oz. 65c.

**Finest Mixed.** All colors. Pkt. 10c; ½ oz. 20c; oz. 35c.

**Campfire, Improved Florists' Strain.** Large flowers of dark orange with a scarlet sheen. One of the best forcing Calendulas. Pkt. 10c; ¼ oz. 25c.

**Chrysantha.** An entirely new type, bearing a striking resemblance to the chrysanthemum. Flowers rich buttercup-yellow. Pkt. 10c; ¼ oz. 25c.

**Orange Shaggy.** Deep orange, shading lighter at center. Petals deeply fringed. Pkt. 10c; ¼ oz. 25c.

### CANDYTUFT (Iberis)

The popular bedding and border plant, growing about 1 foot high.

#### *Annual, Umbellata Type*

Mixed. Pkt. 10c; ¼ oz. 30c.

#### *Perennial Varieties*

**Sempervirens.** White. Evergreen foliage. Pkt. 10c; 1/16 oz. \$1.00.

### CARDINAL CLIMBER

Annual climber with fern-like foliage and clusters of small cardinal-red flowers. Pkt. 10c; ½ oz. 50c.

### CAMPANULA (Canterbury Bells)

The Bellflowers are very interesting garden plants, embracing the annual, biennial, and perennial classes. Some are tall, others dwarf, but all are beautiful.

#### *New Annual Campanulas*

These new Canterbury Bells will bloom the first year. Mixed. Pkt. 10c; ½ oz. 25c.

#### *Biennial Varieties*

**Calycanthema (Cup-and-Saucer).** Large, single flowers resembling a cup and saucer. Mixed. Pkt. 10c; ½ oz. 40c.

**Medium, Single, Mixed (Canterbury Bell).** Plants grow from 2 to 3 feet high, and bloom in June. Pkt. 10c; ½ oz. 35c.

### CARNATIONS *Annual*

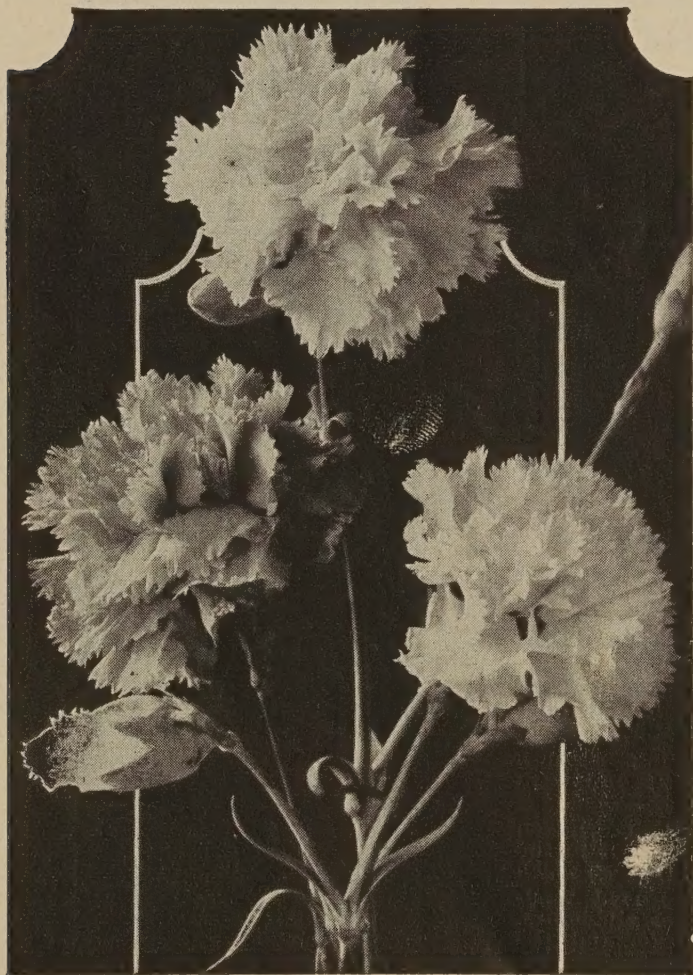
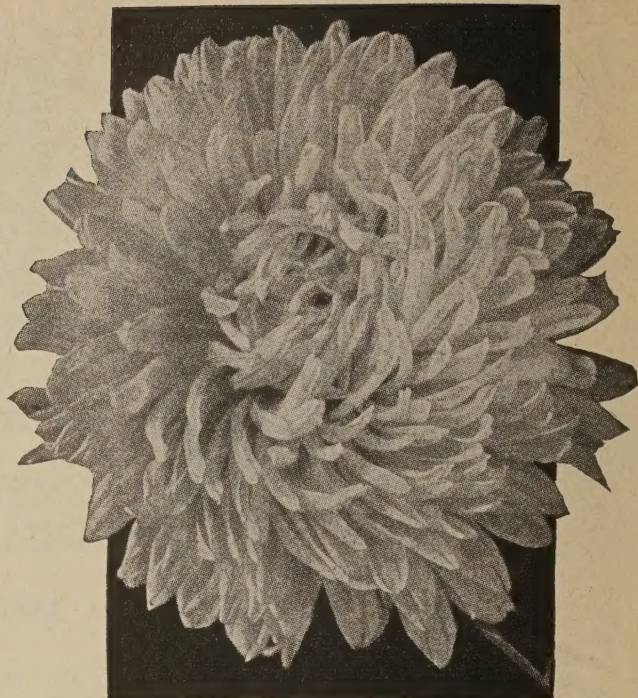
These fragrant flowers come into bloom in a few weeks from sowing and will survive an ordinary winter with slight protection. Height, 1½ feet.

**Giant Marguerite, Double, Mixed.** Pkt. 10c; ¼ oz. 85c.

**Chabaud's Giant Double.** Plants upright, bearing numerous large double flowers on long stems. Start the seeds indoors in boxes. Finest Mixed. Pkt. 10c; ½ oz. 55c.

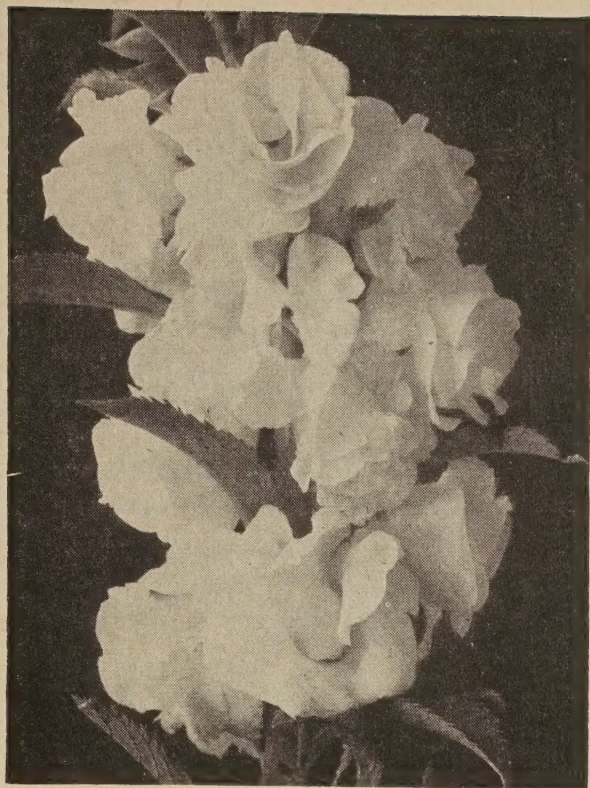
### CASTOR OIL PLANT *Annual* (Ricinus)

**Red Spire.** Foliage bronzy green. 6 feet. Pkt. 10c; oz. 40c. Mixed. A select mixture of all colors. Pkt. 10c; oz. 20c.



Carnation Chabaud's Giant Double





*Balsam Double Mixed*

## CHEIRANTHUS *Perennial*

(Wallflower)

**Allioni** (Siberian Wallflower). Early flowering perennial Wallflowers with beautiful orange flowers. Height, 1 foot. **Pkt. 10c; ¼ oz. 30c.**

## COREOPSIS *Perennial*

Plants grow about 2 feet high and are covered with a mass of yellow flowers all during the summer.

**Grandiflora, Single.** Rich, golden yellow flowers. **Pkt. 10c; ¼ oz. 25c.**

**Grandiflora, Double, Sunburst.** New, Double form of above. **Pkt. 10c; ¼ oz. 25c.**

## CORNFLOWER

See Centaurea



*Cosmos Radiance*

# FLOWER SEEDS

## CELOSIA *Annual*

**Childsi.** A very valuable type with large flower heads which have the appearance of silky balls of wool. **Crimson. Pkt. 10c; ¼ oz. 50c.**

**Cristata** (Cockscomb). These make a grand border and are also most attractive in pots. Rich deep crimson. **Pkt. 10c; ¼ oz. 50c.**

**Plumosa** (Feathered Cockscomb). Fine for large beds or groups giving a wonderful effect. **Crimson. Pkt. 10c; ¼ oz. 50c.**

## CENTAUREAS *Annual*

An extremely interesting class of annuals and perennials which are very popular.

**Double Cornflowers** (*Centurea cyanus*). These are also known as Ragged Robin, Ragged Sailor, Bachelor's Buttons, Bluet and Blue Bottle. **Pkt. 10c; ¼ oz. 35c.**

**Jubilee Gem.** A dwarf, compact variety only 10 to 15 inches high, with double Cornflower-blue flowers. **Pkt. 10c; ½ oz. 30c.**

**Finest Double Mixed.** **Pkt. 10c; ¼ oz. 35c.**

**Candidissima.** Silvery white leaves that are excellent for edging. **Pkt. 10c; ¼ oz. 35c.**

## COSMOS *Annual*

For garden decoration or long-stemmed cut flowers, Cosmos are unsurpassed. They are easy to grow and do best in poor soil.

**Extra-Early Double Crested.** Crested or anemone-shaped flowers.

**Crimson, Pink, and White. Pkt. 10c; ½ oz. 50c.**

**Finest Mixed. Pkt. 10c; ½ oz. 45c.**

**True Early Mammoth Single.**

**Crimson, Pink, and White. Pkt. 10c; ¼ oz. 30c.**

**Finest Mixed. Pkt. 10c; ¼ oz. 30c.**

**Late Mammoth Single.**

**Crimson, Pink, White or Mixed. Pkg. 10c; ¼ oz. 30c.**

**Orange Flare.** Early-flowering; vivid orange flowers. **Pkt. 10c; ½ oz. 30c.**

**Yellow Flare. Pkt. 10c; ½ oz. 30c.**

**Sensation, Pinkie.** Large flowers, 4 to 5 inches in diameter, with broad, heavy, fluted petals which slightly overlap; produced within 8 to 10 weeks from time of sowing. Height, 3 to 4 feet. **Pkt. 10c; ½ oz. 35c.**

**Sensation, Finest Mixed.** Mammoth flowers with broad, heavy, fluted petals. Early flowering; bloom in 10 weeks from time of seeding. **Pkt. 10c; ½ oz. 35c.**

**Sensation, Radiance (new).** Top award winner for 1948. A striking new color combination never before seen in Sensation Cosmos. Deep rose petals overlaid with large well-defined zone of rich crimson. **Pkg. 25c.**

*Richardson's  
Griffith & Turner's  
Wiseman-Downs'*

## CYNOGLOSSUM *Annual*

(Chinese Forget-Me-Not)

Large sprays of forget-me-not blooms all summer. Height, 1½ feet. **Amabile, Blue. Pkt. 10c; ¼ oz. 35c.**

## CYPRESS VINE *Annual*

(*Ipomoea quamoclit*)

A popular vine with fern-like foliage and masses of star-shaped flowers.

**Mixed. Pkt. 10c; ¼ oz. 90c.**

**DAISY AFRICAN** See *Arctotis*

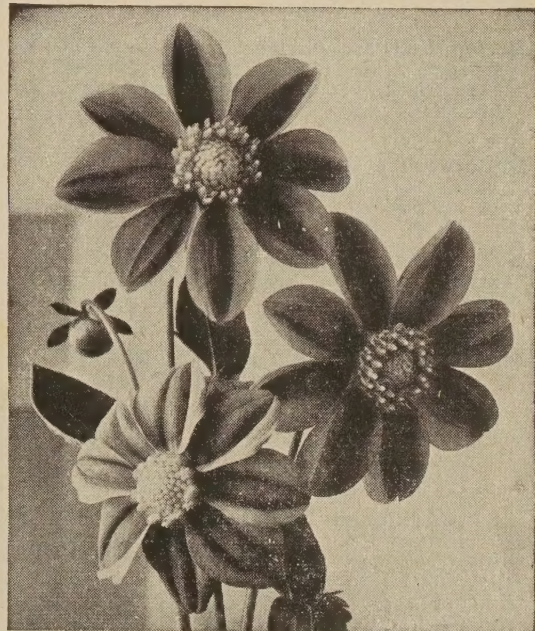
## DAHLIA SEED *Annual*

Single type which will bloom four months after planting. Splendid for bedding. Includes many fine colors.

**Unwins Single and Double Mixed. Pkt. 10c; ½ oz. 50c.**

**Coltness Hybrids. Single Mixed. Pkt. 10c; ½ oz. 50c.**

Be sure to plant some of these small dahlias. They make a fine showing in borders, and are excellent cut flowers.



*Dablia Coltness Hybrids*



Richardson's  
Griffith & Turner's FLOWER SEEDS  
Wiseman-Downs'



*Delphinium Pacific Giants*

**DELPHINIUMS** *Perennial*

The hybrid Delphiniums, with their massive spikes, are the aristocrats of the perennial garden, while the branching types are grand cut flowers. Seed can be sown any time from spring till fall.

**Belladonna, Improved.** Large, single flowers of clear turquoise-blue. Height, 3 to 4 feet. Pkt. 10c;  $\frac{1}{8}$  oz. 50c.

**Bellamosum, Improved.** Rich deep blue. Height, 3 to 4 feet. Pkt. 10c;  $\frac{1}{8}$  oz. 50c.

**Gold Medal Hybrids, Mixed.** A choice mixture of the best varieties. Pkt. 20c;  $\frac{1}{8}$  oz. 75c.

**Pacific Giants.** Massive spikes of bloom with very large florets. Excellent exhibition strain. Pkt. 25c; 1/16 oz. \$1.50.

**DIGITALIS** (*Foxglove*)

Old-fashioned biennials, producing an abundance of long spikes of tubular-shaped flowers in June and July. Used in shrubberies and half-shady places. Height, 2 to 4 feet.

**Giant Shirley, Mixed.** Pkt. 10c;  $\frac{1}{8}$  oz. 25c.

**DIDISCUS** *Annual*  
(*Blue Lace Flower*)

Showy lacy light lavender flower heads, borne profusely from July to frost. Pkt. 10c;  $\frac{1}{8}$  oz. 25c.

**DOLICHOS**  
(*Hyacinth Bean*)

**Dolichos.** Has large heart shaped leaves and lovely purple-violet flowers. Pkt. 10c;  $\frac{1}{8}$  oz. 30c.

**DIANTHUS**  
(*Pinks*)

These include some of the most beautiful flowers in cultivation, in a great variety of brilliant colors. About 1 foot in height.

**Hardy**

**Perennial Varieties**

**Plumarius, Double, Mixed** (Clove Pink). Double, fringed flowers in many colors; very sweet scented. Height, 1 foot. Pkt. 10c;  $\frac{1}{8}$  oz. 50c.

**Plumarius, Single, Mixed** (Pheasant's Eye). Large, single, fringed flowers of many colors. Pkt. 10c;  $\frac{1}{8}$  oz. 30c.

**Annual Varieties**

**Chinensis, Single, Mixed** (China Pink). Select mixture. Height, 18 inches. Pkt. 10c;  $\frac{1}{8}$  oz. 30c.

**Chinensis, Double, Mixed.** Pkt. 10c;  $\frac{1}{8}$  oz. 30c.

**Heddewigi, Double, Mixed** (Japanese Pink). Each, pkt. 10c;  $\frac{1}{8}$  oz. 30c.

**EUPHORBIA**

**Variegata** (Snow-on-the-Mountain). Annual. Bright green foliage, veined and margined with white. Height, 2 feet. Pkt. 10c;  $\frac{1}{8}$  oz. 25c.

**ESCHSCHOLTZIA**  
(*California Poppy*)

Profuse-blooming annuals with gorgeously colored flowers from early summer to frost. Sow where they are to bloom. Height, 1 foot. Mixed Colors. Pkt. 10c;  $\frac{1}{8}$  oz. 30c.

**FORGET-ME-NOT**  
(*Myosotis*)

One of the most admired of our spring flowers. Very effective when grown in masses.

**Alpestris, Blue.** Annual. Rich blue flowers in April. Height, 9 inches. Pkt. 10c;  $\frac{1}{8}$  oz. 50c.

**FOUR O'CLOCK** *Annual*

**Marvel of Peru.** Flowers remain closed till late afternoon, hence the name. Red, Yellow, and Striped. Mixed. Pkt. 10c; oz. 40c.

**FEVER FEW** *Annual*  
(*Matricaria*)

**Golden Ball.** Compact for edging, very bright yellow button-like flowers. Pkt. 10c; 1/16 oz. 35c.

**Snowball.** (HP) small double white blooms, height 24 in. good cutting flower. Pkt. 10c;  $\frac{1}{8}$  oz. 35c.

**GERBERA** *Perennial*  
(*Transvaal Daisy*)

**New Giant Hybrids.** Large, Daisy-like flowers on long stems. A wide range of colors—pink, rose, orange, and scarlet. Height, 15 inches. Pkt. 25c.

**GAILLARDIA**  
(*Blanket Flower*)

**Annual Varieties**

Easily grown plants that bloom quickly from seed and produce an abundance of showy flowers. Height, 1½ feet.

**Indian Chief.** Single, large, glistening bronze-red blooms with dark brown centers. Blooms all summer. Pkt. 10c;  $\frac{1}{8}$  oz. 35c.

**Double Mixed.** A selected mixture of the double types in various colors. Pkt. 10c;  $\frac{1}{8}$  oz. 35c.

**Single Mixed.** Pkt. 10c;  $\frac{1}{8}$  oz. 35c.

**Perennial Varieties**

**Finest Mixed.** Fine large flowers, good color range. Pkt. 10c;  $\frac{1}{8}$  oz. 35c.

**GEUM** *Perennial*  
(*Avens*)

Compact plants with showy flowers throughout the summer. Height, 1½ feet.

**Lady Stratheden.** Large; double; golden yellow. Pkt. 10c;  $\frac{1}{8}$  oz. 50c.

**Mrs. Bradshaw.** Large; double; orange-scarlet. Pkt. 10c;  $\frac{1}{8}$  oz. 50c.

**GODETIA** *Annual*  
(*Satin Flower*)

Attractive, hardy annuals, deserving more extensive cultivation, especially in the cooler parts of the country. The plants bloom profusely, and bear showy flowers, not unlike an Azalea, of satiny texture, in many rich and varied colors. They do best in a rather poor soil. 1 foot.

**Dwarf Single Exquisite Mixed.** Pkt. 10c;  $\frac{1}{8}$  oz. 40c.



*Arctotis Grandis* (See Page 3)



## FLOWER SEEDS

### GLOBE AMARANTH *Annual* (*Gomphrena*)

An everlasting, with beautiful colored flowers resembling clover-heads. They retain their color and are lovely in winter bouquets. **Mixed Colors. Pkt. 10c; 1/8 oz. 25c.**

### GOURDS *Annual*

An interesting annual climber with ornamental foliage and curiously shaped fruit. **Pkt. 10c; 1/2 oz. 25c.**

### GYPSOPHILA (Baby's Breath)

Free-flowering annuals and perennials

#### Annual Varieties

**Elegans rosea.** A delicate rose shade. **Pkt. 10c; 1/8 oz. 50c.**

**Grandiflora.** Pure white, extremely large flowers. **Pkt. 10c; 1/2 oz. 25c.**

#### Perennial Varieties

**Paniculata.** A hardy perennial that will bloom the first year if sown early. White flowers. Height, 3 feet. **Pkt. 10c; 1/8 oz. 25c.**

### HELICHRYSUM *Annual* (Strawflower)

The most popular of the Ever-lasting.

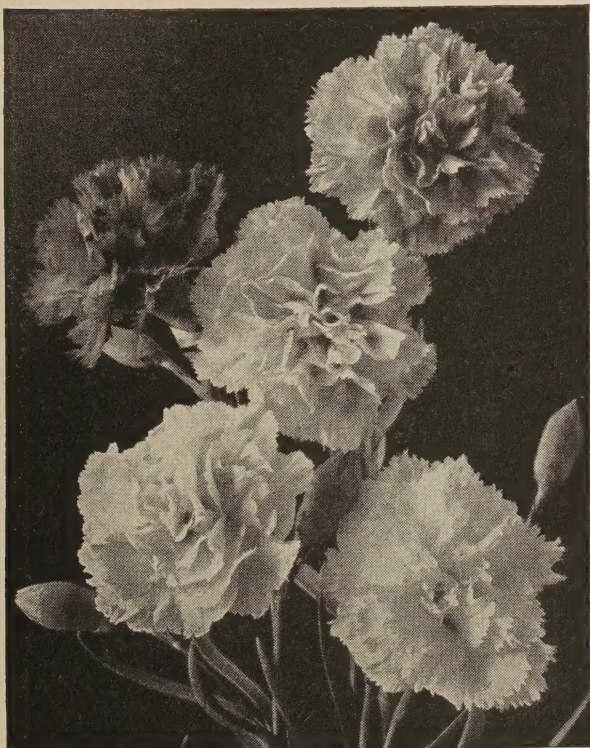
**Finest Mixed. All colors. Pkt. 10c; 1/4 oz. 25c.**

### HELIOTROPE *Annual*

A delightfully fragrant tender perennial that is used as an annual bedding plant. Flowers during the entire season. Height, 1 1/2 feet. **Mixed. Pkt. 10c; 1/16 oz. 35c.**

### HIBISCUS *Annual*

**Marshmallow.** Grows from 5 to 8 feet tall and blooms from early July until frost. **Pkt. 10c; 1/8 oz. 20c.**



*Dianthus Plumaris Double*

### HOLLYHOCKS *Biennial*

One of the most stately of hardy plants, growing 5 to 7 feet high.

**Charters Double. Maroon, Newport Pink, Orange, Scarlet, White, Yellow. Each Pkt. 10c; 1/8 oz. 35c. Finest Mixed. Pkt. 10c; 1/8 oz. 35c. Single Mixed. Pkt. 10c; 1/4 oz. 40c.**

### HONESTY *Perennial* (*Lunaria*)

Extensively used for house decoration. **Pkt. 10c.**

### KOCHIA *Annual*

**Trichophylla** (Burning Bush). Also known as "Summer Cypress." The bright green foliage changes to brilliant colors in fall. **Pkt. 10c; 1/4 oz. 20c.**

### LANTANA *Annual*

Verbena-like heads of many colored flowers, 2 to 3 feet high. Seed is slow germinating.

**Finest Mixed. Pkt. 10c; 1/4 oz. 50c.**

### LARKSPUR *Annual*

One of the finest of our summer-blooming annuals that will give a continuous succession of flowers from early July until frost. Sow the seed where it is to bloom.

**Double Stock—Flowered.**

**Empress Rose, Lustrous Carmine, Dark Blue, White, Sky-Blue, Finest Mixed.**

**Giant Imperial Mixed. Pkt. 10c; 1/4 oz. 30c.**

**Miss California.** Deep pink, shaded salmon. **Pkt. 10c; 1/4 oz. 40c.**

### LATHYRUS *Perennial* (Everlasting or Hardy Sweet Pea)

Showy, free-flowering hardy perennial climbers for covering old stumps, fences, etc.; continually in bloom. White, Red, Pink. **Pkg. 15c; 1/4 oz. 50c. Mixed. Pkt. 10c; 1/4 oz. 35c.**

### LINARIA *Annual*

(Miniature Snapdragon)

**Maroccana, Fairy Bouquet.** Very compact plants, 8 to 10 inches tall with blooms in rose, yellow, pink, lavender, carmine-red, violet, white and salmon shades. Fine for border or rock garden. **Pkt. 10c; 1/8 oz. 60c.**

### LINUM (Flax)

**Grandiflorum rubrum.** Annual. A very showy bedding plant with large brilliant scarlet flowers all summer. Height, 15 inches. **Pkt. 10c; 1/4 oz. 35c.**

**Perenne, Blue.** Perennial Bright blue flowers all summer. Height, 1 1/2 feet. **Pkt. 10c; 1/4 oz. 35c.**

### LOBELIA *Annual*

**Crystal Palace.** Azure-blue. **Pkt. 10c; 1/8 oz. 50c.**

### LUPINUS *Annual*

(Lupine)

Graceful spikes of pea-shaped flowers. In bloom throughout summer and fall. Height, 2 feet.

**Annual Mixed. Pkt. 10c; 1/4 oz. 35c.**

**Perennial Mixed. Pkt. 10c; 1/4 oz. 30c.**



*Larkspur, Giant Imperial*

### The Russel Lupins *Perennial*

The most outstanding strain of hardy Lupins of brilliant colors—self and bicolors—reds, oranges, pure deep yellow. Height, 2 1/2 to 3 1/2 feet. **Pkt. 25c; 1/8 oz. 50c.**

### MIGNONETTE *Annual*

An easily grown annual with a distinct fragrance. Sow where it is to bloom. Height, 1 1/2 feet.

**Mixed.** A select mixture of the large-flowering varieties. **Pkt. 10c; 1/4 oz. 30c.**

### MOONFLOWER *Annual*

A rapid climber for porches and a good shade-maker. Vines attain length of 20 to 30 feet.

**White.** Enormous white flowers. **Pkt. 10c; 1/2 oz. 40c.**

**Heavenly Blue.** Strong, vigorous growth. **Pkt. 10c; 1/2 oz. 50c.**

### MORNING GLORY *Annual*

**Heavenly Blue, Improved Early Flowering.** (New.) Some gardeners refer to this as early-flowering Moonflower, yet it really is a day-blooming variety with glorious large sky-blue flowers shading to white in the throat. They measure 3 1/2 inches. Bloom all summer. **Pkt. 10c; 1/2 oz. 60c.**

**Magnificent New Giant Morning Glory, Scarlett O'Hara.** The blooms are 3 1/2 to 4 inches in diameter. They flare wide open, presenting their brilliant wine-red color to the fullest advantage. **Pkt. 10c; 1/2 oz. 60c.**

**Pearly Gates.** Satiny white flowers with creamy shading in the throat. Blooms measure 4 inches. **Pkt. 10c; 1/4 oz. 40c.**

**Japanese Mixed. Pkt. 10c; 1/2 oz. 35c.**



## FLOWER SEEDS

### MARIGOLDS Annual

**Flash (New).** Gives an amazing flash of color all summer and fall. The name "Flash" is descriptive of the bright combination of colors, ranging from vivid red through bronze with a few yellow flowers to give harmonious contrast to the massed, brilliance of the fiery plants. **Pkt. 25c.**

**Dwarf Little Giant.** Grows 15 inches tall and produces a closely compact plant, with twenty to twenty-five 4-inch flowers. "Little Giants" bloom early and are ideal for bedding and pot plants. **Mixed. Pkt. 10c; ¼ oz. 60c.**

**Lemon Ball.** Tall African Marigold. **Pkt. 10c; ¼ oz. 40c.**

**Orange Ball.** Enormous; orange double. **Pkt. 10c; ¼ oz. 40c.**

**Double African, Mixed.** Yellow and orange. **Pkt. 10c; ¼ oz. 30c.**

**Guinea Gold.** Flowers semi-double, 2 to 2½ inches across, flushed with gold. **Pkt. 10c; ¼ oz. 30c.**

**Double Dwarf French, Mixed.** **Pkt. 10c; ¼ oz. 30c.**

**Legion of Honor.** Little Brownie. **Pkt. 10c; ¼ oz. 30c.**

**Gigantea "Sunset Giants".** A fine new Marigold; grows 3½ to 4 feet high with flower averaging about 5 inches in diameter and shading from yellow to orange. Sweet scented. **Pkt. 10c; ¼ oz. 50c.**

**Dwarf French Double, Harmony.** A strikingly showy dwarf plant, 12 inches high and 2 feet across, covered with lovely blooms combining deep mahogany-red outer petals with a tufted golden yellow center. **Pkt. 10c; ¼ oz. 40c.**

**Dwarf Gigantea, Gypsy Jewels.** New. Gypsy Jewels is a mixture of a wide range of brilliant colors, including deep rich orange, dazzling golden orange, glistening golden yellow, canary-yellow, lemon-yellow and primrose or sulphur. Height, 12 to 15 inches. **Pkt. 10c; ¼ oz. 60c.**

**Mission Giant "Goldsmith"**—A new personality in Marigolds, tall, rich, golden orange. **Pkt. 15c; 1/8 oz. 50c.**

**Mission Giant "Yellowstone"**—Vibrant yellow — excellent cutting length. **Pkt. 15c; 1/8 oz. 50c.**

**Tall, Yellow Supreme.** This is a giant Marigold of moonlight-yellow. **Pkt. 10c; ¼ oz. 40c.**

### MARIGOLD REDHEAD

The most interesting of all the recent introductions in dwarf single French Marigolds, Red Head has large crested flowers 2" across with broad, overlapping petals. Petal color is mahogany when flowers first open, changing to auburn and later to bronze. The crested center is composed of small upright petals, gold edged with maroon. Plants are dwarf and compact, 14"-16" high. **Pkt. 20c; ½ oz. 65c.**



*Petunia, Single Ruffled Giants*



*Petunia, Dainty Lady*

### NASTURTIUM Annual

Nothing excels these for ease of culture, duration of bloom, and brilliancy of coloring. A great profusion of gorgeous blossoms within a few weeks from the time they are sown until frost. Do best in poor soil.

**Dwarf, Mixed. Pkt. 10c; oz. 35c; ¼ lb. \$1.00.**

**Tall, Mixed. Pkt. 10c; oz. 35c; ¼ lb. 1.00.**

**Double, Golden Gleam.** Large, double, sweet-scented, golden yellow flowers on long stems. **Pkt. 10c; oz. 35c; ¼ lb. \$1.00.**

**New Double, Scarlet Gleam.** Flowers are fiery orange-scarlet, very fragrant, and borne on long stems. **Pkt. 10c; oz. 35c; ¼ lb. \$1.00.**

**New Double, Gleam Hybrids.** gorgeously colored, double, fragrant flowers of the Golden Gleam type in a wide range of colors. **Pkt. 10c; oz. 30c; ¼ lb. \$1.00.**

**Dwarf Double, Golden Globe.** Pure golden yellow, sweet-scented. **Pkt. 10c; oz. 30c; ¼ lb. \$1.00.**

**New Dwarf Double, Cherry Rose.** Sweet scented. **Pkt. 15c; oz. 50c; ¼ lb. \$1.50.**

### NICOTIANA

Annual

#### (Flowering Tobacco)

**Affinis, White.** Delicately perfumed, blooming all season. Plants 3 feet. A few plants will perfume the garden. **Pkt. 10c; ¼ oz. 35c.**

**Sanderae, Crimson King.** Dark velvety crimson. **Pkt. 10c; ¼ oz. 50c.**

### PANSIES

Annual

**Swiss Giants or Roggli's Hybrids, Mixed.** The plants are very robust, and the very large flowers of heavy texture are carried on strong stems well above the leaves. Good mixture of colors. **Pkt. 25c; 1/16 oz. \$1.25.**

**Richardson's Mixture.** A well-balanced assortment of colors will be found in this Mixture. **Pkt. 10c; 1/16 oz. 50c.**

### PETUNIAS Annual

Sow seed lightly on the seed-bed and gently press into the soil. Transplant when large enough, being careful to save even the smallest seedlings, for oftentimes the smallest, frailest seedlings produce the finest blooms. Petunias delight in a sunny position.

**Cheerful (New).** Compact growth, free flowering. Lovely shade of salmon-pink. **Pkt. 25c.**

**Miniature, Violet Gem.** New. The plants are neat, dwarf and compact, violet-blue. **Pkt. 10c.**

**Miniature, Bright Eyes.** Soft Pink white throat. A novelty. **Pkt. 25c.**

**King Henry.** Rich velvety red, extra dwarf and large flowered. **Pkt. 25c.**

#### Ruffled Petunias

**Dainty Lady.** Single fringed, delicate yellow. **Pkt. 25c.**

**Ruffled Giants.** Single mixed. **Pkt. 35c.**

#### Single Bedding Petunias

**Flaming Velvet.** **Pkt. 10c.**

**Howard's Star.** Crimson-maroon with a clearly defined five-pointed star of blushing white. **Pkt. 10c.**

**Cornflower Blue.** Magnificent large rich Cornflower-blue blooms. **Pkt. 25c.**

**Snowball.** Pure satiny white flowers. **Pkt. 10c.**

**Celestial Rose.** Deep Rose. Compact **Pkt. 10c; ¼ oz. 75c.**

**Rosy Morn.** Soft crimson-pink. **Pkt. 10c; ¼ oz. 75c.**

**Mixed Colors.** **Pkt. 10c; ¼ oz. 65c.**

**Petunia nana compacta.** Dwarf. Mixed. **Pkt. 10c; ½ oz. 75c.**

**Balcony Blue.** Rich indigo-blue. **Pkt. 10c.**

**Balcony Rose.** Brilliant rose-pink. **Pkt. 10c.**

**Balcony Red.** Bright red. **Pkt. 10c.**

**Balcony White.** **Pkt. 10c.**





*Scabiosa, Giant Hybrids*

## PORTULACA Annual (Sun Plant; Mexican Rose)

A gay annual of easy culture, thriving best in an exposed sunny location. Brilliant flowers produced throughout the summer in great profusion. Do not sow until warm weather. Height 6 inches.

Single Mixed. Pkt. 10c;  $\frac{1}{8}$  oz. 60c.

Double Mixed. Pkt. 10c;  $\frac{1}{8}$  oz. \$1.00.

## PRIMULA Perennial (Primrose)

Beautiful early spring-flowering perennials. Thrive best in half shade, rich, moist, and well-drained soil.

Veris (English Cowslip). Mixed colors. Height, 6 to 9 inches. Pkt. 25c.

## SALPIGLOSSIS Annual (Painted Tongue)

A beautiful annual, producing freely orchid-like flowers all summer. Height 2 $\frac{1}{2}$  feet.

Mixed. Pkt. 10c;  $\frac{1}{8}$  oz. 40c.

## SALVIA (Scarlet Sage)

Start the seed indoors in March and April, and set out when weather is settled.

Bonfire. Dwarf Annual. Compact bushes about 2 feet high, with brilliant scarlet flower-spikes. Pkt. 10c;  $\frac{1}{8}$  oz. 75c.

Splendens. Annual, Tall, erect, green foliage. Long spikes of flowers in great profusion. Pkt. 10c;  $\frac{1}{8}$  oz. 50c.

## SALVIA (Hardy Blue Sage)

Blue Bedder. Long spikes of bright sky-blue flowers during August and September. Makes a fine display. 3 ft. Pkt. 25c.

## SCARLET RUNNER BEAN Annual

An ornamental climber bearing large sprays of scarlet blossoms. Height, 12 to 15 feet. Pkt. 10c; oz. 20c.

## PHLOX DRUMMONDI Annual

One of the most brilliant and satisfactory bedding plants we have.

Large-Flowering Tall Varieties.

Height, 15 inches. Mixed. Pkt. 10c;  $\frac{1}{8}$  oz. 75c.

Large-Flowering Dwarf, Mixed.

Plants of this variety grow about 8 inches high. Pkt. 10c;  $\frac{1}{8}$  oz. 75c.

## POPPIES (Papaver) Annual

Annual Poppies should be sown as early as possible in the spring where they are to flower, as they do not transplant well. Thin out plants to stand 3 to 4 inches apart, and keep the old blossoms cut.

Single Shirley. Finest Mixed. A wide range of colors. Pkt. 10c;  $\frac{1}{4}$  oz. 25c.

Double Shirley. Mixed. New. Semi-double type in a wide range of colors. Pkt. 10c;  $\frac{1}{4}$  oz. 35c.

## HARDY POPPIES Perennial

(Nudicaule; Iceland Poppies)

Hardy perennials that will flower the first year from seeds.

Single Mixed. Pkt. 10c.

## ORIENTAL POPPIES Perennial

Sow seed early in spring. The resulting plants will disappear in July and August, appearing again as the weather gets cool. Transplant them to their permanent quarters.

Scarlet. Magnificent flowers of brilliant scarlet. Pkt. 10c;  $\frac{1}{4}$  oz. 60c.

Oriental Mixed. Pkt. 10c;  $\frac{1}{8}$  oz. \$1.00.

## PYRETHRUM Perennial

(Painted Daisies)

Large Daisy-like flowers on 2-foot stems. Exceptionally fine for cutting.

Single Mixed. Pkt. 25c; 1/16 oz. \$1.00.

## SCABIOSA (Mourning Bride! Pin-Cushion Flower)

The annual type grows quickly from seed and is superb for cutting. It grows 2 $\frac{1}{2}$  feet high, and blooms from July until frost.

Annual Varieties

Large-Flowered Tall Double Rosette. Beautiful shade of deep rose heavily suffused with salmon. Pkt. 10c.

Giant Flowered Hybrids, Mixed. All colors. Pkt. 10c;  $\frac{1}{4}$  oz. 50c.

Perennial Varieties

Caucasica alba. A pure white variety, fine for cutting. Height, 3 feet. Pkt. 10c;  $\frac{1}{8}$  oz. 75c.

Caucasica, Blue. Pkt. 10c;  $\frac{1}{8}$  oz. 75c.

## SCHIZANTHUS (Poor Man's Orchid)

Beautiful bushy plants covered with dainty contrasting colors. Pkt. 10c.

## SHASTA DAISY Perennial

Maximum, Alaska. Pure, glistening white Daisy. 5 inches across. An excellent cut flower. Height, 3 ft. Pkt. 10c;  $\frac{1}{8}$  oz. 35c.

## Snapdragon

See Antirrhinum.

## STATICE Annual (Sea Lavender)

Used in combination with other Everlastings in winter bouquets.

Sinuata. The seeds, supplied in the dried flower-heads, may be started indoors or sown in the open when the weather gets warm. In order to secure satisfactory germination, the flower-heads should be placed in soil on their sides. 18 in. Blue, pink, white, or mixed colors. Pkt. 15c;  $\frac{1}{8}$  oz. 50c.

## STOCKS Annual (Gilliflower)

Double Early Giant Imperial Branching. Mixed. Pkt. 10c;  $\frac{1}{8}$  oz. 75c.

Large-Flowering Dwarf, Ten-Weeks Stocks. Mixed, pkt. 10c;  $\frac{1}{8}$  oz. 60c.

## SWEET WILLIAM Perennial (Dianthus Barbatus)

Single, Newport Pink. Pkt. 10c;  $\frac{1}{8}$  oz. 40c.

Single, Dark Crimson. Pkt. 10c;  $\frac{1}{8}$  oz. 40c.

Single, Finest Mixed. Each, pkt. 10c;  $\frac{1}{4}$  oz. 40c.

Double, Finest Mixed. Pkt. 10c;  $\frac{1}{4}$  oz. 50c.



*Marigold Red Head (See Page 8)*



## SPENCER SWEET PEAS *Annual*

For gracefulness and delicate charm the Sweet Pea must be given its share of space in the garden. Not difficult to grow, yet it gives a profusion of blooms which vie with the orchid for color.

**Simplicity.** Glistening pure salmon.

**Blue Moon.** A true blue Sweet Pea.

**Crimson King.** True crimson; very good.

**Gigantea.** The best white-seeded white waved Sweet Pea.

**Aristocrat.** Charming, attractive clear pink. Each, pkt. 10c; 1 oz. 35c.

**Mixed.** Pkt. 10c; oz. 25c; ¼ lb. 75c; lb. \$2.50.

## TITHONIA *Annual*

**Speciosa** (Mexican Sunflower). The orange-vermillion flowers resemble single African Marigolds, while the foliage and habit of growth are like the Dahlia. Pkt. 10c; ½ oz. 40c.

## TRITOMA *Perennial*

### Red Hot Poker; Torch Lily

Tall spikes, topped by narrow, tubular, pale yellow to orange-red flowers, closely arranged in shingle-like fashion. Pkt. 10c; ½ oz. 45c.

## VERBENAS

A brilliant free-flowering annual bearing large trusses of blooms, July until frost. Low, spreading plants which root wherever the stems touch soil.

**Mammoth-Flowering Varieties.** Annual. **Blue Shades,** **Golden Yellow,** **Pink,** **Scarlet,** **White,** **Mixed.** Each, pkt. 10c; ½ oz. 50c.

**Venosa** (Hardy Verbena). Perennial. Bright purple flowers all summer. Height 1 foot. Pkt. 10c; ¼ oz. 60c.

## VERONICA *Perennial*

### (Speedwell)

**Longifolia.** Graceful long spikes set with bright blue flowers during June and July. Pkt. 10c; ½ oz. 75c.

## WALL FLOWER

See Cheiranthus



Giant Dahlia-Flowered Zinnia



Zinnia Fantasy

## VINCA *Annual*

### Madagascar Periwinkle, Old Maid

Ornamental free-blooming annual with bright green, shiny foliage and one of the most satisfactory long flowering bedding plants we have. 12 to 18 inches. **White,** **Rose** or **Mixed.** Pkt. 10c; ¼ oz. 65c.

## VIOLAS *Perennial*

**Tufted Pansies.** Smaller flowered than the Giant Pansies, these are very free blooming and are splendid for beds, borders, and rock gardens. **Mixed.** Pkt. 20c; 1/16 oz. 75c.

## ZINNIA FANTASY

Flowers are composed of a mass of shaggy, raylike petals. The color-range includes the brightest shades of reds and orange, as well as pastel pinks and cream. Pkt. 10c; ¼ oz. 50c.



Zinnia Cupid

## ZINNIAS (Youth and Old Age)

### Giant Double Dahlia-Flowered

Plants grow 2 to 3 feet high, bearing huge, double flowers, which resemble the Dahlia.

**Canary Bird.** Delicate primrose.

**Crimson Monarch.** Largest red.

**Dream.** Deep lavender.

**Exquisite.** Light rose.

**Old Rose.**

**Polar Bear.** Large; pure white.

**Golden State.** Orange-yellow.

**Oriole.** Orange and gold.

**Purple Prince.** Deep purple. Any above, pkt. 10c; ¼ oz. 50c; 1 oz. \$1.25.

**Gold Medal Mixture.** Pkt. 10c; ¼ oz. 40c; 1 oz. \$1.00.

**Will Rogers** (Giant Dahlia-Flowering). Pkt. 10c; ¼ oz. 50c; 1 oz. \$1.25.

### Burbank Pastel Zinnias

Burbank Zinnias are of the lovely, delicate pastel shades. Colors range from cream and primrose through delicate buff-yellow, canary-yellow, ivory, soft salmon,

warm rose, chamois, apricot, peach, blush pink, salmon-pink to clear, bright rose. There are also unusual two- and three-color combinations of soft and light shades in some of the individual blooms. Flowers grow 5 to 5½ in. Pkt. 20c.

### Scabious-Flowered

**Mixed.** Really a curiosity. The outer row of petals is long and large, while the inner rows are short and tubular. Crowded with flowers. Height, 3 ft. Pkt. 10c; ½ oz. 30c.

### Cupid

**Mixed.** 4 to 6 inches. Colors range through red, orange, yellow, pink, rose, and other pastel shades. Pkt. 10c; ¼ oz. 60c.

### Double Lilliput or Pompon

Small, double flowers on long stems.

**Canary-Yellow,** **Crimson Gem,** **Flesh-Pink,** **Golden Orange,** **Salmon-Rose,** **Scarlet,** **White** and **Mixed.** Pkt. 10c; ¼ oz. 30c.



# ROSES

We offer only the finest No. 1—2 yr. Field Grown Plants.

Dormant Plants available from March 1 to April 15.

*Richardson's  
Griffith & Turner's  
Wiseman-Downs'*

## EVERBLOOMING HYBRID TEA ROSES

### Red

**Ami Quinard.** Very dark velvety red.

**Christopher Stone.** Scarlet-crimson. Long, pointed buds.

**Etoile de Hollande.** Popular velvety scarlet.

**E. G. Hill.** Long perfect bud, dazzling scarlet.

**Red Radiance.** Very reliable old favorite, cherry-red.

### White

**Caledonia.** Long, pointed buds and snowy white flowers.

**Kaiserin Augusta Victoria.** Pure white, tinged lemon.

**McGreedy's Ivory.** Delicate creamy white. Long buds.

### Two-Toned

**Condesa de Sastago.** Rich yellow buds copper-color blooms. Vigorous and bushy grower.

**President Herbert Hoover.** Very strong growth. Big, semi-double flowers of coppery rose and gold

**Mrs. Sam McGredy.** Scarlet-orange blended with coppery red.

**Talisman.** Very popular ruffled red and yellow Rose.

### Yellow

**Golden Dawn.** Light yellow; fragrant. Good foliage.

**McGreedy's Yellow.** Canary yellow. Glossy foliage.

**Mrs. E. P. Thom.** Splendid yellow garden Rose.

**Sister Therese.** Golden yellow, long pointed buds.

### Pink

**Editor McFarland.** Well-shaped flowers of deep rose-pink.

**Briarcliff.** Favorite Rose Pink.

**Pink Dawn.** Deep pink with orange at the base.

**Radiance.** Most popular of all pink Roses.

## NEW PATENTED ROSES

**Better Times.** Pat. No. 23. Bright crimson; long stems.

**Crimson Glory.** Plant Pat. No. 105. Deep vivid crimson shaded with dark red.

**Countess Vandal.** Plant Pat. No. 38. Flame-pink, tinged bronze and rose.

**Peace.** Pat. 591. Lovely shade, lemon yellow, edged rose pink.

**Eclipse.** Plant Pat. No. 172. Golden yellow.

## CLIMBING ROSES

**Blaze.** Plant Pat. No. 10. Reported to be an everblooming form of the blazing red Paul's Scarlet Climber.

**Climbing American Beauty.** Rose-pink.

**Dr. W. Van Fleet.** Strong climber with lovely, pink flowers.

**Doubloons.** Pat. No. 152. A radiant yellow Climbing Rose with large, compact, double blooms coming in clusters. Blooms in midseason and tends to re-bloom later.

**Golden Climber.** Pat. 28. Clear yellow flowers like Hybrid Teas, borne on long stems early in the spring.

**King Midas.** Pat. 586. Large double flowers, golden yellow flushed red. A beautiful new climber.

**Paul's Scarlet Climber.** Most popular.

**Silver Moon.** Huge, flat flowers of dazzling white.



ROSETONE is a proven combination of Hormones and Vitamins.

ROSETONE insures the success of your roses. Soak roots of bushes in ROSETONE before planting. Water your established rose bushes for better growth.

1/2-oz. packet 25c;  
3-oz. package \$1.00

FULL DIRECTIONS ON PACKAGE

**Special Rose Food.** An organic No-Filler. 100% Plant Food of Dried Blood, Fish Scrap, Bone Meal, Guano, Potash, Cotton Seed Meal, Super-phosphate and Powdered Poultry Manure. 5 lbs. 75c; 10 lbs. \$1.25; 25 lbs. \$2.75.

## YOU, TOO, CAN GROW BEAUTIFUL

# Roses

—if you will do as successful rose growers everywhere are doing



## SPRAY with TRI-GEN

### ROSE GARDEN SPRAY TREATMENT

It is backed by 26 years of successful use and is the original and a most effective and reliable spray for the control of many rose fungous pests and insects.

In addition, it stimulates plant growth and tends to promote healthy foliage and luxuriant bloom.

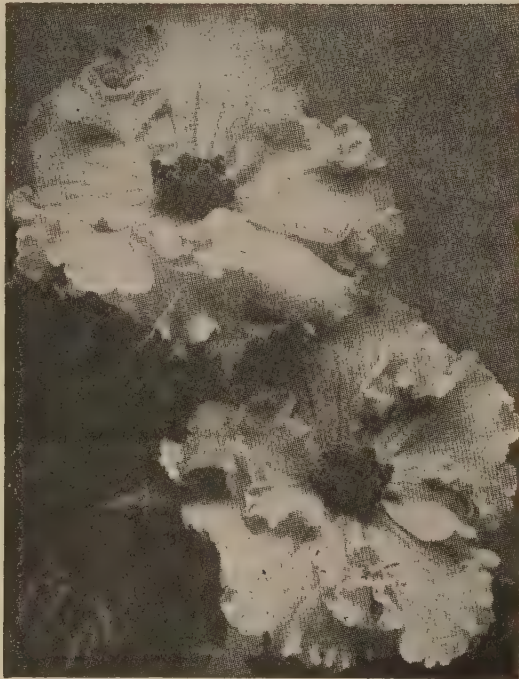
Economical and easy to use—you need only TRI-GEN to give your roses adequate scientific protection.

The original and reliable Rose Garden Spray Treatment. Endorsed by leading authorities.

- A. Small Kit (sufficient for 25 roses for season) .....\$ 2.25
- B. Medium Kit (sufficient for 75 roses for season) ..... 6.00
- C. Large Kit (sufficient for 150 roses for season) ..... 9.00
- D. Estate Kit (sufficient for 500 roses for season) ..... 30.00



## BULBS AND ROOTS



*Tuberous-Rooted Begonia, Single*

### TUBEROUS-ROOTED BEGONIAS

This charming class of Begonia is perhaps the most handsome of all tender summer-flowering tuberous-rooted plants. Splendid for window boxes or outdoors grown in the shade.

**Single.** Salmon, Scarlet, Pink, White and Yellow. 20c each; \$2.00 per doz.

**Double.** Salmon, Scarlet, Pink, White and Yellow. 20c each; \$2.00 per doz.

### FANCY-LEAVED CALADIUM

**Highly Colored Sorts Mixed.** No other summer foliage plant equals the Fancy-Leaved Caladium in showy appearance. They are splendid for the conservatory during the summer, for window boxes, and for outdoor bedding in semi-shaded spots of the garden. Our mixture includes many kinds. 30c each; \$3.00 per doz.

### TUBEROSES

**Double Pearl.** One of the most deliciously fragrant and most beautiful summer-flowering bulbs. Strong flowering bulbs. 15c each; \$1.50 per doz.; \$11.50 per 100.

### GLADIOLUS

#### Whites

**Snow Princess.** Pure White. \$1.25 per doz.; \$8.00 per 100.

**Shirley Temple.** Cream, yellow throat, ruffled. \$1.50 per doz.; \$9.00 per 100.

#### Yellow and Orange Shades

**Duna.** Large orange buff. \$1.00 per doz.; \$7.00 per 100.

**Golden Dream.** Best golden yellow. Late. \$1.00 per doz.; \$7.50 per 100.

**Gold Eagle.** Early yellow. \$1.00 per doz.; \$6.50 per 100.

**Bit o' Heaven.** Orange; very tall. \$1.00 per doz.; \$7.00 per 100.

**Orange Queen.** Apricot-yellow. \$1.00 per doz.; \$7.50 per 100.

#### Pink Shades

**Debonair.** Salmon-pink; tall spike. \$1.00 per doz.; \$7.50 per 100.

**Dream of Beauty.** Deep rose. \$1.25 per doz.; \$8.00 per 100.

**Picardy.** Sensational shrimp-pink. \$1.00 per doz.; \$7.50 per 100.

**Phyllis McQuiston.** Deep pink, large and tall. \$1.00 per doz.; \$7.50 per 100.

#### Red Shades

**Beacon.** Scarlet; cream throat. \$1.00 per doz.; \$7.50 per 100.

**Flaming Sword.** Tall red. Early. \$1.00 per doz.; \$7.00 per 100.

**Excellence.** Large bright scarlet. \$1.25 per doz.; \$8.00 per 100.

#### Blue and Lavender Shades

**King Arthur.** Lovely lavender. \$1.00 per doz.; \$7.50 per 100.

**Minniet.** Delicate lavender. Late. \$1.25 per doz.; \$9.00 per 100.

**Charles Dickens.** Lovely purple. \$1.25 per doz.; \$8.00 per 100.

**Elizabeth the Queen.** Soft lavender. \$1.50 per doz.; \$12.00 per 100.

#### Deluxe Mixture Gladiolus

90c per doz.; \$6.50 per 100.



*Gladiolus*



# DAHLIA COLLECTIONS

## ATTRACTIVELY BOXED

### CULTURE

Dahlias are at their best during the latter part of September or early in October. To get exhibition blooms, disbud plants up to August 1. Spade or plow the soil 1 foot deep; fertilize with pulverized sheep or cow manure, scatter about ¼ pound of bonemeal around each hill when planting. If soil is very heavy, incorporate a liberal quantity of granulated peat moss. About August 1, apply about ½ pound of high grade fertilizer to each plant and work in thoroughly.

### “Garden Full of Dahlias”

This collection contains six of the most popular standard varieties such as Jane Cowl, Jersey’s Beauty, etc., and the whole color range is represented. The names of the varieties are plainly printed on the front of the box and each root is labeled. This package is the most popular.

**Each \$1.50**

### “Super Collection”

In this collection we pack six outstanding varieties that are all renowned kinds in the higher price brackets. The varieties are named on the outside of the package and each root is labeled. Here is an opportunity to feature six leading varieties that every Dahlia grower wants, and at a price much lower than they could be bought individually.

**Each \$2.00**

### Miniature Collection

A very beautiful collection of six of the leading varieties. We believe this is the first time



*Miniature Dahlia*

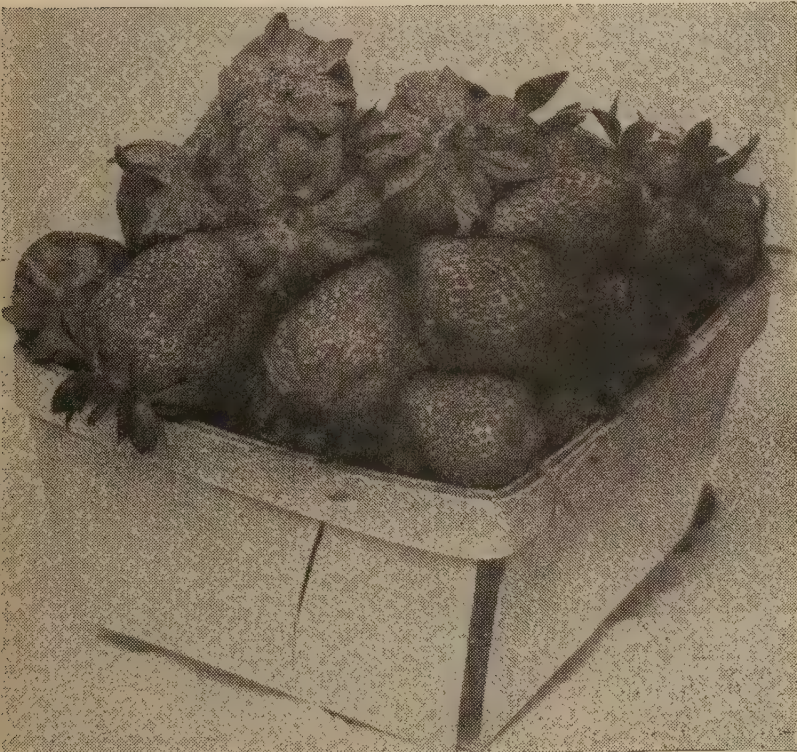
that these beautiful Miniature types have been made available at such low prices. There is a pronounced trend toward these smaller flowers and this collection fills a timely need.

**Each \$1.75**

### “Cactus Collection”

Every Dahlia lover wants Cactus varieties and for years we have been building up our stocks of this type to enable us to put up this collection at a reasonable price. A wide range of colors is represented in the six varieties and all are true Cactus types.

**Each \$2.50**



### STRAWBERRY PLANTS

Variety	25	100	250	1,000
Premier—Early .....	\$1.50	\$3.00	\$6.00	\$16.00
Fairfax—Early .....	1.50	3.00	6.00	16.00
Catskill—Mid-season ...	1.50	3.00	6.00	16.00
Big Joe—Mid-season ...	1.50	3.00	6.00	16.00
Chesapeake—Late .....	1.50	3.00	6.00	16.00
Red Star—Late .....	1.50	3.00	6.00	16.00
Stanbright—Mid-season .	1.50	3.00	6.00	16.00
Blakemore—Early .....	1.50	3.00	6.00	16.00
Klondike—Early .....	1.50	3.00	6.00	16.00
Fairmore—Early .....	1.50	3.00	6.00	16.00

### EVERBEARING VARIETIES

Mastodon .....	2.00	5.00	9.00	30.00
Gem .....	2.00	5.00	9.00	30.00

-- POSTPAID --

### SPECIAL NOTICE

Be sure to send remittance with order for Strawberry Plants, as all orders are forwarded direct from the Growing Station.

Strawberry Plants should be ordered early to avoid delay, sometimes caused by unfavorable weather, and other conditions. No orders can be accepted after April 20th.



## TESTED VEGETABLE SEEDS

### ASPARAGUS SEED AND ROOTS

One ounce of seed will sow a row 40 feet long and will produce about 600 plants; 5 pounds to the acre; 150 roots to a bed 15x50 feet or 8000 to the acre.

**Mary Washington.** This strain produces large, straight shoots, dark green in color, with heavy purple overtone. It is nearer to being rustproof than any other variety. Seed: Oz. 15c; ¼ lb. 50c; lb. \$1.50. Roots: 25 for 85c; 100 for \$2.75. Prices on application for larger quantities.

### BUSH OR SNAP BEANS

**CULTURE**—Plant after the weather has become settled, around the first of May. Sow in rows 2 to 2½ feet apart, dropping the beans 4 inches apart in the row. Cover about 2 inches deep. Make successive sowings 2 weeks apart up to August 1st. One pound will sow a row 100 feet long; 60 pounds to the acre.

#### Green Podded

**Bountiful Stringless.** Very hardy; as early as the Long Green Six Weeks. The best flat-podded variety. ¼ lb. 20c; ½ lb. 30c; lb. 55c; 2 lbs. \$1.00; 15 lbs. \$5.50.

**Burpee Stringless.** Pods are dark green, absolutely stringless and mature early. ¼ lb. 20c; ½ lb. 30c; lb. 55c; 2 lbs. \$1.00; 15 lbs. \$5.50.

**Full Measure.** A very fine round stringless variety. Pods are long and borne in great quantities. ¼ lb. 20c; ½ lb. 30c; lb. 55c; 2 lbs. \$1.00; 15 lbs. \$5.50.

**Giant Stringless.** Pods longer than Burpee Stringless and a shade lighter in color. ¼ lb. 20c; ½ lb. 30c; lb. 55c; 2 lbs. \$1.00; 15 lbs. \$5.50.

**Horticultural Dwarf.** An old standard Snap and Shell Bean. Pods about 5 inches long, almost stringless, greenish-yellow splashed with carmine. ¼ lb. 20c; ½ lb. 35c; lb. 60c; 2 lbs. \$1.15; 15 lbs. \$6.50.

**Landreth's Stringless (Improved Burpee's).** 6 to 7 inch, straight, round, dark green, stringless pods. Season 54 days. ¼ lb. 20c; ½ lb. 30c; lb. 55c; 2 lbs. \$1.00; 15 lbs. \$5.50.

**Navy Beans.** The white bean used as a dry winter bean. ¼ lb. 15c; ½ lb. 25c; lb. 40c; 2 lbs. 75c; 15 lbs. \$4.50.

**New Stringless Green-Pod.** (Tendergreen). Very similar to Full Measure, much harder, and more resistant to rust. ¼ lb. 20c; ½ lb. 30c; lb. 55c; 2 lbs. \$1.00; 15 lbs. \$5.50.

**Plentiful Stringless green-pod.** The pods are flat, medium green, 6 to 7 in. long, strictly stringless at all stages, and of the choicest quality. Plants are most prolific. Black seeded. ¼ lb. 20c; ½ lb. 30c; lb. 55c; 2 lbs. \$1.00; 15 lbs. \$5.50.

**Stringless Black Valentine.** The hardest of all Beans. The long, very handsome pods are productive and attractive. Has all the good qualities of the old variety and now, being stringless, it ranks first among early shipping varieties. ¼ lb. 20c; ½ lb. 30c; lb. 55c; 2 lbs. \$1.00; 15 lbs. \$5.50.

**Stringless Red Valentine.** Early green pods, round and thick, of fine quality. ¼ lb. 20c; ½ lb. 30c; lb. 55c; 2 lbs. \$1.00; 15 lbs. \$5.50.

**Tennessee Green-Pod.** A favorite. Pods 6 to 7 inches long, of exceptionally fine flavor. ¼ lb. 20c; ½ lb. 30c; lb. 55c; 2 lbs. \$1.00; 15 lbs. \$5.50.

#### Yellow or Wax Podded

**Golden Wax Improved.** Early, vigorous, and a bountiful yielder of shapely, tender pods. ¼ lb. 20c; ½ lb. 30c; lb. 55c; 2 lbs. \$1.00; 15 lbs. \$5.50.

**Sure-Crop Stringless Wax.** Rich yellow Beans 6 to 7 inches long. ¼ lb. 20c; ½ lb. 30c; lb. 55c; 2 lbs. \$1.00; 15 lbs. \$5.50.



*Tendergreen Beans*

**Round-podded Kidney Wax (Brittle Wax).** An improved Wardwell's Kidney Wax. Pods are long, straight, and of excellent quality. Heavy bearer. ¼ lb. 20c; ½ lb. 35c; lb. 60c; 2 lbs. \$1.15; 15 lbs. \$6.50.

### POLE OR CORNFIELD BEANS

1 lb. will plant 200 hills. Culture same as Pole Lima Beans.

**October, or Horticultural (Wren's Egg or Cranberry).** The pods are 5½ to 6 inches long, and can be used as snaps, for shelling when green, or dried for winter use. A splendid Bean for baking. ¼ lb. 20c; ½ lb. 35c; 60c; 2 lbs. \$1.15; 15 lbs. \$6.50.

**Old Homestead, or Kentucky Wonder.** This is the old reliable green-podded Pole Bean and is also used very extensively in cornfields. The pods are thick and fleshy, slightly curved, green, 7 to 10 in. long; when young are stringless. ¼ lb. 20c; ½ lb. 30c; lb. 55c; 2 lbs. \$1.00; 15 lbs. \$5.50.

**Kentucky Wonder Wax.** Golden yellow. Pods are flat and fleshy, measuring 7 to 8 inches in length. ¼ lb. 20c; ½ lb. 35c; lb. 60c; 2 lbs. \$1.15; 15 lbs. \$6.50.

**Lazy Wife.** Pods green, slightly shorter than Kentucky Wonder, but thicker, and matured Beans white, much larger, and more meaty. ¼ lb. 20c; ½ lb. 30c; lb. 55c; 2 lbs. \$1.00; 15 lbs. \$5.50.

**White Seeded Kentucky Wonder (Burgers).** An improved strain White Seeded Kentucky Wonder. ¼ lb. 20c; ½ lb. 30c; lb. 55c; 2 lbs. \$1.00; 5 lbs. \$2.00.

**McCaslan.** Dark green pods, 8 in. long, flat, curved, brittle and fine grained; shows slight strings as the pods reach full size. Large white beans; delicious for dry shell use. ¼ lb. 20c; ½ lb. 30c; lb. 55c; 2 lbs. \$1.00.

**White Creaseback.** Handsome green pods, 6 to 7 inches long, meaty, almost stringless, produced in clusters. Splendid shipper. ¼ lb. 20c; ½ lb. 30c; lb. 55c; 2 lbs. \$1.00; 15 lbs. \$5.50.

### BUSH LIMA BEANS

**CULTURE**—Lima Beans are very susceptible to cold and seeds should not be planted until the ground has become thoroughly warm. They should be sown on well-enriched land, with the rows 2½ feet apart, placing the beans 6 inches apart in the row. Cover about one inch deep. One pound will plant 50 feet of row.

**Burpee's Improved Bush Lima.** A true and improved bush form. Vigorous and productive, with very large pods 5 inches long and usually contain 4 large thick Beans of excellent quality which dry greenish white. ¼ lb. 20c; ½ lb. 35c; lb. 60c; 2 lbs. \$1.15; 15 lbs. \$6.50.

**Burpee's Bush Lima.** Plants large, sturdy, hardy, and productive. Pods 4 to 4½ inches long, containing 3 to 4 Beans which are as large as any pole sort, flat and white. ¼ lb. 20c; ½ lb. 35c; lb. 60c; 2 lbs. \$1.15; 15 lbs. \$6.50.

PRICES OF ALL BEANS F.O.B. BALTIMORE, SUBJECT TO CHANGE WITHOUT NOTICE



## TESTED VEGETABLE SEEDS -- Continued

Richardson's  
Griffith & Turner's  
Wiseman-Downs'

### Bush Lima—Continued

**Fordhook Bush Lima.** Generally considered the best of the large-seeded Bush Limas. Bushes are of strictly erect habit, branching freely, with all the branches held upright. It is from 4 to 6 days earlier than other varieties of this class. Pods about 5 to 6 inches long, in clusters of 4 to 8, well filled with 4 to 5 delicious large Beans.  $\frac{1}{4}$  lb. 20c;  $\frac{1}{2}$  lb. 35c; lb. 60c; 2 lbs. \$1.15; 15 lbs. \$6.50.

**Henderson's Bush Lima.** Possibly the earliest of the Bush Lima Beans. Seeds are a little smaller than the Wood's Prolific. It is very productive and an extremely popular variety.  $\frac{1}{4}$  lb. 20c;  $\frac{1}{2}$  lb. 30c; lb. 50c; 2 lbs. 95c; 15 lbs. \$5.00.

**Fordhook 242.** Promising new Fordhook-type lima, with thick seeds, 3 or 4 to the pod, of finest flavor. The pods are very uniform, and hold their size on the late sets. The early and total yields are heavy, and hot weather does not seem to affect its yield.  $\frac{1}{4}$  lb. 20c;  $\frac{1}{2}$  lb. 35c; lb. 60c; 2 lbs. \$1.15; 15 lbs. \$6.50.

### BROCCOLI

**CULTURE**—Sow seed in open ground, 1 ounce to 100-yard row,  $\frac{1}{2}$  inch deep, and get plants in field in July or August. After the center head is cut it will produce side-shoots with a smaller head. One of the best, has succulent asparagus flavor.

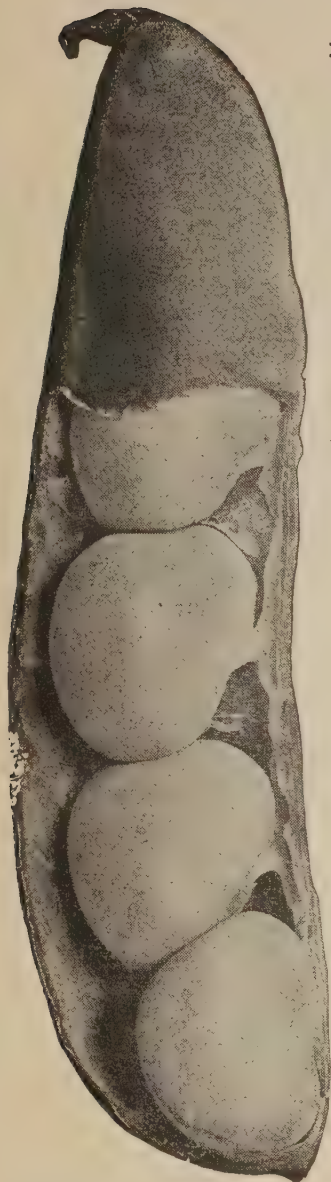
**Italian Calabrese, Green Sprouting.** (60 days). The leading variety for shippers and truckers. Tall, branching heads of bluish green, becoming more popular each year. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 75c; lb. \$2.50.

**Italian Salad, "Rapa."** This variety produces leaves only. Pkt. 10c; oz. 15c;  $\frac{1}{4}$  lb. 40c; lb. \$1.25.



Calabrese Broccoli

ALL PRICES SUBJECT TO CHANGE  
WITHOUT NOTICE



Burpee's Improved Bush Lima

### POLE LIMA BEANS

**CULTURE**—Pole Limas are even less hardy than the bush type and should not be planted until all danger of frost is passed. Set the poles about 4 feet apart each way and plant 6 to 8 beans, eyes downward, around each pole. When plants are up, thin out to 3 plants to a pole. Use a shovelful of rich, light, well rotted compost to each hill. One pound of seed will plant 75 to 100 hills.

**Burpee's.** Best Pole Lima. Produces pods along its entire length in clusters of 4 to 8. The pods are straight, 5 to 6 in. long,  $1\frac{1}{2}$  in. broad, and nearly one inch thick. The beans are thick, resembling Fordhook Bush Lima.  $\frac{1}{4}$  lb. 20c;  $\frac{1}{2}$  lb. 30c; lb. 55c; 2 lbs. \$1.00; 5 lbs. \$2.25.

**Carolina, or Sieva.** Early, small Beans but of fine flavor. Excellent dried Lima Bean for winter use.  $\frac{1}{4}$  lb. 20c;  $\frac{1}{2}$  lb. 30c; lb. 50c; 2 lbs. 95c; 15 lbs. \$5.00.

**Carpinteria.** Vines vigorous, setting many pods closely filled with large, flat Beans, thicker than ordinary Pole Limas.  $\frac{1}{4}$  lb. 20c;  $\frac{1}{2}$  lb. 30c; lb. 55c; 2 lbs. \$1.00; 15 lbs. \$5.50.

**Early Leviathan.** Earliest large-podded sort. Pods 5 to 6 inches long and often contain 5 or 6 large, flat, pale green Beans of excellent quality.  $\frac{1}{4}$  lb. 20c;  $\frac{1}{2}$  lb. 30c; lb. 55c; 2 lbs. \$1.00; 15 lbs. \$5.50.

**Giant Emerald Isle.** One of the largest-podded and the heaviest cropper of all Limas. It grows green, dries green, stays green.  $\frac{1}{4}$  lb. 20c;  $\frac{1}{2}$  lb. 30c; lb. 55c; 2 lbs. \$1.00; 15 lbs. \$5.50.

**Dreer's Improved, or Challenger Lima.** Also known as the Potato Lima. Entirely distinct, producing thick, compressed-looking Beans in their pods, and of a delicious and distinct flavor.  $\frac{1}{4}$  lb. 20c;  $\frac{1}{2}$  lb. 30c; lb. 55c; 2 lbs. \$1.00; 15 lbs. \$5.50.

**King of the Garden.** An old standby of vigorous growth, bearing large, dark green pods with 4 or 5 large white Beans of excellent quality.  $\frac{1}{4}$  lb. 20c;  $\frac{1}{2}$  lb. 30c; lb. 55c; 2 lbs. \$1.00; 15 lbs. \$5.50.

**Ford's Mammoth.**  $\frac{1}{4}$  lb. 20c;  $\frac{1}{2}$  lb. 30c; lb. 55c; 2 lbs. \$1.00; 15 lbs. \$5.50.

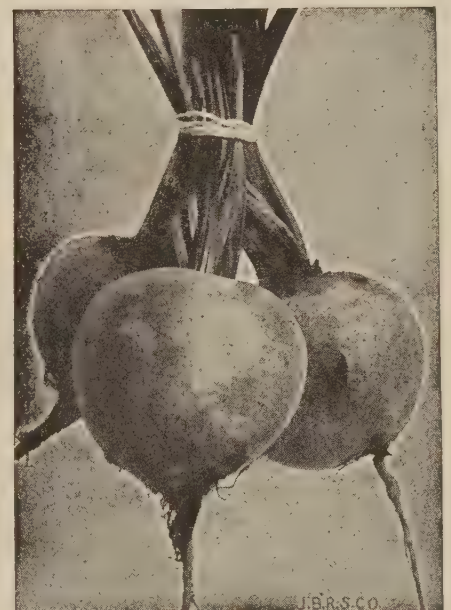
### PRICES OF BEANS F.O.B. BALTO.

#### GARDEN BEETS

**CULTURE**—For a continuous supply throughout the season, make the first sowing outdoors the early part of April and every two weeks thereafter up to August 1st. Sow in rows about  $1\frac{1}{2}$  ft. apart, firm seed well in ground. One ounce will sow 50 ft. of drill: 6 lbs. per acre.

**Crosby's Egyptian.** Attractive shape, small tops. Popular with truckers for extra early market. Postpaid: Pkt. 10c; oz. 20c;  $\frac{1}{4}$  lb. 50c; lb. \$1.50.

**Detroit Dark Red.** A fine Turnip Beet of dark red color and early maturity. Very attractive. Postpaid: Pkt. 10c; oz. 20c;  $\frac{1}{4}$  lb. 50c; lb. \$1.50.



Early Wonder Beet

**Early Wonder.** The earliest spring Beet. It is of uniform size, globular shape, very dark red, fine-grained, tender and sweet. Can be grown profitably throughout the season. Postpaid: Pkt. 10c; oz. 20c;  $\frac{1}{4}$  lb. 50c; lb. \$1.50.

**Improved Early Blood Turnip.** Dark red, uniform, smooth growing. A good variety for home use and for main crop. Very best quality; medium early. Postpaid: Pkt. 10c; oz. 20c;  $\frac{1}{4}$  lb. 50c; lb. \$1.50.



## TESTED VEGETABLE SEEDS - - Continued

### MANGEL OR STOCK BEET

**Mammoth Long Red.** Grows to an enormous size. Very easily cultivated; generally used for Stock Beet. Postpaid: Oz. 20c; ¼ lb. 35c; lb. \$1.10.

**Golden Tankard.** Especially recommended for dairymen on account of its milk-producing properties. Well adapted to our soils. Postpaid: Oz. 15c; ¼ lb. 35c; lb. \$1.10.

### BRUSSELS SPROUTS

Culture same as cabbage. But keep leaves removed to allow small heads to develop.

**Improved Long Island.** Postpaid: Pkt. 10c; oz. 50c; ¼ lb. \$1.50; lb. \$5.00.

### ROTENONE DUST

(0.75 Rotenone)

This product is most generally recommended to control the cabbage worm.  
See page 28.

### CABBAGE

**CULTURAL DIRECTIONS**—One ounce will produce about 2,000 plants; 10,890 plants will plant an acre of early cabbage; and 7,260 plants for an acre of late. Three ounces of seed will plant an acre of early and five ounces an acre of late cabbage. For early cabbage, sow seed in hotbeds in January or February. Transplant as early as possible to the open ground about two feet apart each way. For late cabbage, sow seed in the open ground in May and transplant about July 1st in rows 2½ feet each way.

**Charleston, or Large Wakefield.** Favorite, large, pointed type, a week later than Early Jersey Wakefield. Postpaid: Pkt. 10c; oz. 35c; ¼ lb. \$1.00; lb. \$3.50.

**Copenhagen Market, Early Danish.** As early as Charleston Wakefield. Very heavy, solid, large, globe-shaped head. Postpaid: Pkt. 10c; oz. 30c; ¼ lb. \$1.00; lb. \$3.00.



*Jersey Wakefield  
Cabbage*

### VEGETABLE PLANTS

We will have a good supply of Vegetable Plants from April 25th to June 20th, including the following varieties:

TOMATO  
CABBAGE

PEPPER  
EGG PLANT

SWEET POTATO

### CELERY PLANTS

after July 1st in the following varieties:

SELF BLANCHING  
FORDHOOK

GIANT PASCAL  
WINTER QUEEN

We cannot accept Parcel Post or delivery orders on plants.

### ASPARAGUS ROOTS

MARY WASHINGTON RUSTPROOF

25 for 85c—100 for \$2.75

If by mail add 25c per 100 for postage and packing  
Larger quantities—ask for prices

### RHUBARB ROOTS

20c each—dozen \$2.25

If by mail add 25c per dozen for postage and packing

**Danish Ballhead, or Holland.** A medium-sized, round-headed sort; good quality. One of the best for shipping and winter keeping. Postpaid: Pkt. 10c; oz. 35c; ¼ lb. \$1.00; lb. \$3.50.

**Early Jersey Wakefield.** Very early; sure-heading. Forms nice, medium-sized, pointed heads, solid and of good quality. Postpaid: Pkt. 10c; oz. 35c; ¼ lb. \$1.00; lb. \$3.50.

**Early Succession.** Wonderful solidity, productiveness, and fine, large heads. Postpaid: Pkt. 10c; oz. 25c; ¼ lb. 75c; lb. \$2.50.

**Stein's Early Flat Dutch.** Unexcelled for early spring planting; medium-sized heads unbeatable for home use or shipping. Postpaid: Pkt. 10c; oz. 25c; ¼ lb. 75c; lb. \$2.50.

**Golden Acre.** A medium-sized but very fine variety, maturing in 80 days, with round, solid heads. Postpaid: Pkt. 10c; oz. 35c; ¼ lb. \$1.00; lb. \$3.50.

**Large Late Drumhead.** A good winter Cabbage. Few outside leaves and solid head. Postpaid: Pkt. 10c; oz. 30c; ¼ lb. \$1.00; lb. \$3.00.



## TESTED VEGETABLE SEEDS -- Continued

### CELERY

Celery is generally grown as a second crop, following early cabbage, onions, peas, etc. Sow early in April, transplanting about the first of June. Set in rows about 3 feet apart.  $\frac{1}{4}$  oz. of seed will produce about 1,000 plants.

**Easy Blanching.** The longest keeping Celery grown, excelling in this respect every other sort. It is the easiest and quickest to blanch, stocky in growth, and of medium height. The stalks are tender, brittle, and attractive in appearance, of excellent quality and rich nutty flavor. Postpaid: **Pkt. 10c; oz. 50c;  $\frac{1}{4}$  lb. \$1.75; lb. \$6.00.**

**Golden Self-blanching.** The best of all early self-blanching varieties. It is of dwarf compact growth, with thick, solid, heavily ribbed stalks which blanch easily to a clear waxen yellow. Postpaid: **Pkt. 10c; oz. 50c;  $\frac{1}{4}$  lb. \$1.75; lb. \$6.00.**

**Giant Pascal.** It makes large, thick, solid stalks, with beautiful creamy yellow heart; blanches easily and quickly; very crisp. Postpaid: **Pkt. 10c; oz. 50c;  $\frac{1}{4}$  lb. \$1.75; lb. \$6.00.**

**Improved White Plume.** A magnificent Celery for early use, and being self-blanching, requires but little working. Postpaid: **Pkt. 10c; oz. 70c;  $\frac{1}{4}$  lb. \$2.00; lb. \$6.50.**

**Winter Queen.** Postpaid: **Pkt. 10c; oz. 50c;  $\frac{1}{4}$  lb. \$1.75; lb. \$6.00.**

#### Celeriac or Turnip-Rooted Celery

**Giant Fragne.** Postpaid: **Pkt. 10c; oz. 50c;  $\frac{1}{4}$  lb. \$1.75; lb. \$6.00.**

### CAULIFLOWER

Cauliflowers delight in a rich, moist soil, and in dry seasons should be abundantly watered, especially when heading. Sow the seed early in the hotbed and transplant the plants 2 to 3 inches apart in boxes or in another hotbed until such time as they are safe to be planted in the open ground, which in this latitude is usually the 10th of April. Set the plants in the field 15x24 inches apart. One-fourth ounce produces about 500 plants. Three ounces will make enough plants to set 1 acre.

**Extra-Early Dwarf Erfurt.** Small plants with short outer leaves and medium heads of uniform quality. A good late variety. Postpaid: **Pkt. 25c;  $\frac{1}{2}$  oz. \$1.75; oz. \$3.00.**

**Snowball.** Early, very hardy, and produces snow-white heads of good size. Our strain of this variety is unexcelled. Postpaid: **Pkt. 25c;  $\frac{1}{2}$  oz. \$1.75; oz. \$3.00.**

### HERBS

#### Sweet, Medicinal and Pot Herbs

**Anise, Pkt. 10c;  $\frac{1}{2}$  oz. 40c; oz. 75c.**  
**Chickory, Pkt. 10c.**  
**Chives, Pkt. 20c;  $\frac{1}{2}$  oz. 85c; oz. \$1.50**  
**Coriander, Pkt. 10c.**  
**Sage, Pkt. 20c;  $\frac{1}{2}$  oz. 40c; oz. 75c.**  
**Caraway, Pkt. 10c;  $\frac{1}{2}$  oz. 20c; oz. 35c.**  
**Dill, Pkt. 10c;  $\frac{1}{4}$  lb. 60c; lb. \$1.25.**  
**Lavender, Pkt. 25c.**  
**Marjoram, Sweet. Pkt. 15c;  $\frac{1}{2}$  oz. 40c; oz. 75c.**  
**Sweet Basil, Pkt. 15c.**  
**Sweet Fennel, Pkt. 15c;  $\frac{1}{2}$  oz. 30c; oz. 50c.**  
**Thyme. Broad-leaved English. Pkt. 20c;  $\frac{1}{2}$  oz. 65c; oz. \$1.00.**

### CARROTS

**CULTURE**—Sow seed about  $\frac{1}{2}$  in. deep as soon as the soil can be dug, placing rows about 18 inches apart. One ounce will sow 100 feet of drill, 3 to 4 pounds for an acre.

**Chantenay.** Suited to either garden or field culture. Medium-sized top, small neck, tapered roots, and thick shoulder. Orange color. Postpaid: **Pkt. 10c; oz. 20c;  $\frac{1}{4}$  lb. 50c; lb. \$1.75.**

**Danvers Half-Long Orange.** Orange-red; smooth and handsome; sweet, crisp, and tender. Postpaid: **Pkt. 10c; oz. 20c;  $\frac{1}{4}$  lb. 50c; lb. \$1.75.**

**Improved Long Orange.** The roots grow uniform and smooth, 8 to 10 inches long, of large size and deep, rich orange color. Postpaid: **Pkt. 10c; oz. 20c;  $\frac{1}{4}$  lb. 50c; lb. \$1.75.**

**Oxheart, or Guerande.** Particularly desirable for heavy soils. It tapers slightly; very stump-rooted. Postpaid: **Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 60c; lb. \$2.00.**

**Imperator.** The roots are smooth, taper slightly from a rounded shoulder down to the semi-blunt tip. The flesh is a rich orange with practically no core. Postpaid: **Pkt. 10c; oz. 20c;  $\frac{1}{4}$  lb. 50c; lb. \$1.75.**

### COLLARDS

**CULTURE**—Same as Kale.

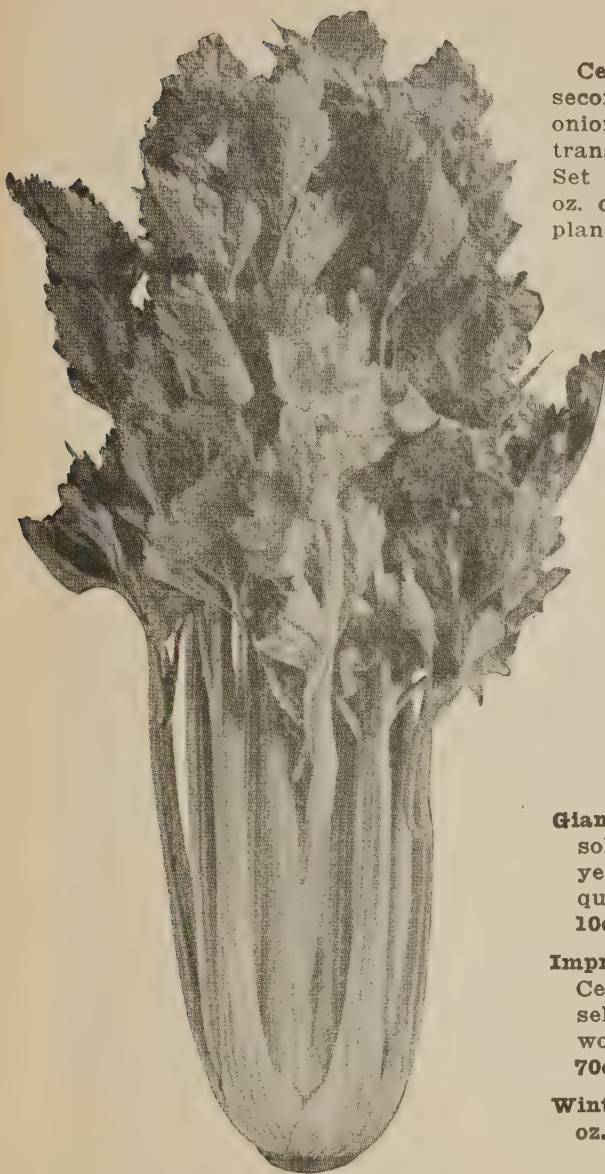
**Georgia Southern, or Creole.** Postpaid: **Pkt. 10c; oz. 20c;  $\frac{1}{4}$  lb. 50c; lb. \$1.50.**

**Cabbage Collards.** As white and crisp as Cabbage. **Pkt. 10c; oz. 20c;  $\frac{1}{4}$  lb. 50c; lb. \$1.50.**

**Carolina Header.** A more recent variety of the heading type collard. Very popular through Virginia and Carolina. Crop uncertain.

### CORN SALAD

**Large Dutch.** **Pkt. 10c;  $\frac{1}{2}$  oz. 20c; oz. 35c;  $\frac{1}{4}$  lb. \$1.00; lb. \$3.00.**



### Cabbage—Continued

**Perfection Drumhead Savoy.** This is the hardest heading and best all-around Savoy. Postpaid: **Pkt. 10c; oz. 35c;  $\frac{1}{4}$  lb. \$1.00; lb. \$3.50.**

**Premium Late Flat Dutch.** Large, flat, uniform, solid heads of finest quality. For winter use. Postpaid: **Pkt. 10c; oz. 30c;  $\frac{1}{4}$  lb. \$1.00; lb. \$3.00.**

**Red Dutch.** **Pkt. 10c; oz. 45c;  $\frac{1}{4}$  lb. \$1.50; lb. \$5.00.**

**Chinese Cabbage (Pe-Tsai).** Grown for cole-slaw and salad. Delicate and tender. Postpaid: **Pkt. 10c; oz. 40;  $\frac{1}{4}$  lb. 60c; lb. \$2.00.**

### Yellows Resistant Cabbage Seed

**Jersey Queen (Resistant Jersey Wakefield).** Postpaid: **Oz. 50c;  $\frac{1}{4}$  lb. \$1.50; lb. \$4.50.**

**Marion Market (Resistant Copenhagen).** Postpaid: **Oz. 35c;  $\frac{1}{4}$  lb. \$1.00; lb. \$3.50.**

**Wisconsin All Season.** Postpaid: **Oz. 35c;  $\frac{1}{4}$  lb. \$1.00; lb. \$3.50.**

**Wisconsin Hollander.** (120 days.) Selected from the famous Danish Ballhead, requires about the same time to come to maturity. Heads large, round, flattened on top but quite deep; 5 to 7 lbs. **Pkt. 10c; oz. 50c;  $\frac{1}{4}$  lb. \$1.50; lb. \$4.50.**



## TESTED VEGETABLE SEEDS -- Continued



Stowell's Evergreen Corn

### GARDEN CORN

**CULTURE**—Seed is likely to rot if planted in cold ground. About middle of May when soil is warm, plant in hills 3 feet apart each way, covering about 5 seeds half an inch deep, and thin out to 3 plants to a hill, or plant in rows 3 feet apart, and thin out plants to stand 12 inches apart in rows. For a succession of crops plant every two weeks up to July 15th. One pound will plant 100 hills, or about 250 feet of row.

**Adams Extra-Early.** Makes a small ear and stalk and can be planted close together. Used by our market gardeners to catch the early market.  $\frac{1}{4}$  lb. 10c;  $\frac{1}{2}$  lb. 15c; lb. 25c; 2 lbs. 45c; pk. \$2.00.

**Black Mexican.** Pkt. 10c;  $\frac{1}{4}$  lb. 15c;  $\frac{1}{2}$  lb. 25c; lb. 40c; 2 lbs. 75c.

**Country Gentleman.** A very distinct shoe-peg variety. Prolific, making 2 or 3 ears on good land. Ears about 8 to 9 inches long, deep, pearly white grains of finest flavor.  $\frac{1}{4}$  lb. 15c;  $\frac{1}{2}$  lb. 25c; lb. 40c; 2 lbs. 75c; pk. \$4.00.

**Early Evergreen.** Early Stowell's Evergreen type. White kernel, deep grains, and delicious.  $\frac{1}{4}$  lb. 15c;  $\frac{1}{2}$  lb. 25c; lb. 40c; 2 lbs. 75c; pk. \$4.00.

**Golden Bantam.** Extra early; very sweet and tender. Small ear of golden yellow color. Bears 2 and 3 ears to the stalk.  $\frac{1}{4}$  lb. 15c;  $\frac{1}{2}$  lb. 25c; lb. 40c; 2 lbs. 75c; pk. \$4.00.

**Golden Giant.** Produces ears from 8 to 9 inches long with 12 to 14 rows. Grains are a deep creamy yellow. It matures about 5 days later than Golden Bantam. Fine flavor.  $\frac{1}{4}$  lb. 15c;  $\frac{1}{2}$  lb. 25c; lb. 40c; 2 lbs. 75c; pk. \$4.00.

**Howling Mob.** A fine second-early Corn of delicious flavor. The stalks are about 5 feet in height and produce early in the season.  $\frac{1}{4}$  lb. 15c;  $\frac{1}{2}$  lb. 25c; lb. 40c; 2 lbs. 75c; pk. \$4.00.

**Shoe Peg.**  $\frac{1}{4}$  lb. 15c;  $\frac{1}{2}$  lb. 25c; lb. 40c; 2 lbs. 75c; pk. \$4.00.

**Stowell's Evergreen.** Standard sort long known as one of the best for main crop. Large ears, very deep grains, sugary. Remains longer in the "roasting ear" state than any other.  $\frac{1}{4}$  lb. 15c;  $\frac{1}{2}$  lb. 25c; lb. 40c; 2 lbs. 75c; pk. \$4.00.

**Trucker's Favorite.** A favorite variety with all market gardeners and truckers, following Early Adams, but larger ears, deeper grains, a sure crop. Sweet and palatable.  $\frac{1}{4}$  lb. 10c;  $\frac{1}{2}$  lb. 15c; lb. 25c; 2 lbs. 45c; pk. \$2.00.

**Vanguard.** (79 days). Very productive early corn which we believe to be resistant to Stewart's disease; quality is excellent, flavor is delicious; 8 in. ears containing 10 or 12 rows of large white kernels.  $\frac{1}{4}$  lb. 15c;  $\frac{1}{2}$  lb. 25c; lb. 40c; 2 lbs. 75c; pk. \$4.00.

**Whipple's Early White.** (82 days). The size of the ears will remind you of Stowell's Evergreen, but in season it is as early as the small-eared early varieties. The ears are 7 to 8 in. long and have 14 to 18 rows of deep, rather narrow kernels. 5 to 6 ft. high.  $\frac{1}{4}$  lb. 15c;  $\frac{1}{2}$  lb. 25c; lb. 40c; 2 lbs. 75c; pk. \$4.00.

**Whipple's Early Yellow.** (About 87 days.) A 14-rowed ear, 7 to 8 in. in length.  $\frac{1}{4}$  lb. 15c;  $\frac{1}{2}$  lb. 25c; lb. 40c; 2 lbs. 75c; pk. \$4.00.

Prices on Corn F.O.B. Baltimore

### HYBRID SWEET CORN

**Golden Cross Bantam.** Very uniform in habit of growth, size and maturity. The ears are fully 8 inches long and they are closely set with 14 rows of yellow grains filled with delicious sweet pulp. Often bears 2 ears. Postpaid.  $\frac{1}{4}$  lb. 20c;  $\frac{1}{2}$  lb. 30c; lb. 55c; 2 lbs. \$1.00; pk. \$5.25.

**Ioana.** An attractive and productive variety, highly resistant to drought and wilt, suitable for either gardener or canner. Plants tall and sturdy, with broad and numerous leaves. Ears  $7\frac{1}{2}$  to 8 inches long, 12- to 14-rowed, cylindrical; well-filled with medium-narrow, light yellow kernels. Fodder  $6\frac{1}{2}$  feet, matures in about 85 days.  $\frac{1}{4}$  lb. 20c;  $\frac{1}{2}$  lb. 35c; lb. 65c; 2 lbs. \$1.25; 5 lbs. \$3.00.

**Marcross Golden Hybrid.** 71 days. The ears are  $6\frac{1}{2}$ - $7\frac{1}{2}$  inches long, slightly tapered, uniform 10-14 rows, straight rowed, fairly well filled tips. Plants are 5- $5\frac{1}{2}$  feet, medium breadth leaves, medium green, heavy, well rooted stalk, few suckers.  $\frac{1}{4}$  lb. 20c;  $\frac{1}{2}$  lb. 35c; lb. 60c; 5 lbs. \$3.00.

**Stowell's Evergreen Hybrid.** Produces 12- to 16-rowed, cylindrical or slightly tapering ears about  $8\frac{1}{2}$  inches long. In a normal season on fertile soil this hybrid produces 50 to 75% two-eared stalks and will out-yield Stowell's Evergreen 25 to 40%. Postpaid:  $\frac{1}{4}$  lb. 20c;  $\frac{1}{2}$  lb. 35c; lb. 60c; 2 lbs. \$1.10; pk. \$5.50.

**Country Gentleman Hybrid.** Although the ear resembles Country Gentleman in general, this hybrid will be found greatly superior to the old variety, especially as to uniformity and maturity. Has fine deep kernels, a heavier root system, and yields heavily. Postpaid:  $\frac{1}{4}$  lb. 20c;  $\frac{1}{2}$  lb. 35c; lb. 65c. 2 lbs. \$1.10; pk. \$5.50.

### POP CORN

Giant Yellow. Lb. 25c.

### CRESS

Upland. Pkt. 10c; oz. 20c;  $\frac{1}{4}$  lb. 50c; lb. \$1.75.

### CUCUMBERS

**CULTURE**—Sow seed about 1 inch deep in hills 4 to 6 feet apart each way when the weather has become settled. Thin out, leaving 4 strong plants in each hill. One ounce will plant 50 hills; 2 pounds will plant an acre.

**Marketer.** 60-65 days. A good early prolific variety which is now most popular with the shipper. Unusually trim and uniform. The fruits are 8 to 10 inches long, slightly tapered to each end and hold their rich dark green color very well. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 75c; lb. \$2.50.

**A. & C.** The beautiful straight fruits grow about 10 inches in length and  $2\frac{1}{2}$  inches thick, well rounded at the end and dark green, which color is held after picking much longer than most others. Postpaid: Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 75c; lb. \$2.50.

**Boston Pickle.** A fine pickler. Very productive. Fruits small, shaped like Chicago Pickling, but less prominent spines. Postpaid: Pkt. 10c; oz. 20c;  $\frac{1}{4}$  lb. 50c; lb. \$1.75.

**The Colorado Cucumber.** A nice long dark green variety of recent introduction, that is becoming popular with truck growers. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 75c; lb. \$2.50.

**Early Fortune.** A decidedly early variety with fruits about 9 inches long, crisp and tender. Postpaid: Pkt. 10c; oz. 20c;  $\frac{1}{4}$  lb. 50c; lb. \$1.75.

**Straight Eight.** The cucumbers are about 8 inches long when ready to use, always straight, very cylindrical and smooth and with blunt ends. The color is medium dark green with green rays at the blossom end. Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 75c; lb. \$2.50.





White Spine  
Cucumber

## Cucumber—Continued

**Gherkin or Burr.** Used for pickling.  
Pkt. 10c; oz. 20c; ¼ lb. 60c; lb. \$2.00.

**Improved Early White Spine.** The fruits are 5 to 7 inches long, smooth, slightly pointed, deep rich color. Very prolific. Postpaid: Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.75.

**Improved Long Green.** Our stock of this sort is very fine. Fruits dark green, 10 to 12 inches long; crisp, and of the finest quality. A heavy yielder. Postpaid: Pkt. 10c; oz. 20c; ¼ lb. 60c; lb. \$2.00.

**Early Cluster.** Postpaid: Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.75.

## KOHL-RABI

**CULTURE** — Kohl-rabi is grown for its turnip-shaped bulb, which is formed above ground. The bulbs should be used while young and tender. Set plants 8 inches apart. Plants are grown as cabbage.

**Early White Vienna.** The best variety of this useful vegetable, the edible part of which is the enlarged, globe-shaped stem. Postpaid: Pkt. 10c; oz. 50c; ¼ lb. \$1.25; lb. \$4.00.

## LEEK

**CULTURE**—Select good onion soil, manure liberally, and plant in April in rows ½ inch deep and 18 inches apart, and thin to 6 inches apart in the rows. Gradually draw the earth around the plants when cultivating. Sow 1 ounce to 150-foot row, 4 pounds an acre.

**Mammoth Flag.** Pure white, with attractive dark leaves. Stout in habit and hardy. Postpaid: Pkt. 10c; oz. 60c; ¼ lb. \$1.50; lb. \$5.00.

ALL PRICES SUBJECT TO  
CHANGE WITHOUT NOTICE

## ENDIVE

**CULTURE**—Same as Lettuce. One ounce of seed to 200 feet of row.

**Batavian, or Broad-leaved.** This variety forms large heads of broad, thick leaves, which are used for flavoring soups and stews. Requires to be tied up for blanching. Postpaid: Pkt. 10c; oz. 15c; ¼ lb. 50c; lb. \$1.50.

**Giant Green Curled.** For fall and winter crop. Finely cut leaves. Cultivate same as lettuce. Postpaid: Pkt. 10c; oz. 15c; ¼ lb. 50c; lb. \$1.50.

## EGGPLANT

**CULTURE**—Sow seed in hotbeds early in spring and transplant to the open after all danger of frost is over, 2 feet apart each way; cultivate frequently. One ounce of seed will produce 1000 plants.

**Black Beauty.** Nearly two weeks earlier than any other variety. Color is deep purple. Grown largely by market gardeners. Postpaid: Pkt. 10c; oz. 50c; ¼ lb. \$2.00; lb. \$6.00.

## KALE

**CULTURE**—Sow from May to June ½ inch deep in drills about 1½ feet apart and cultivate like cabbage. For early spring use sow in September and protect during the winter. The flavor is improved by frost. One ounce produces about 2000 plants.

**Extra-Curled New American.** (63 days.) Blue-green leaves, very finely cut and of excellent flavor. Plant very productive. Height, 15 to 18 inches. Pkt. 10c; oz. 15c; ¼ lb. 50c; lb. \$1.50.

**Dwarf Green Curled Scotch, or Norfolk.** Hardy where temperature does not go below zero. Leaves are bright green, beautifully curled. Postpaid: Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.50.

**Half Tall Green Curled Scotch.** Hardy plant with leaves deeply cut; curled at the edges, light green in color; very tender after exposure to frosty weather. Pkt. 10c; oz. 20c; ¼ lb. 60c; lb. \$2.00.

**Siberian, or German Curled.** Heavily curled. A fast grower; extremely hardy. Postpaid: Pkt. 10c; oz. 15c; ¼ lb. 50c; lb. \$1.25.

**Spring, or Smooth.** Early variety. Best for spring. Earlier than the winter varieties. Postpaid: Oz. 10c; ¼ lb. 20c; lb. 50c.

**Dwarf Blue Scotch.** Postpaid: Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.50.



Kohl-Rabi



## TESTED VEGETABLE SEEDS -- Continued

### MUSKMELON OR CANTALOUPE

**CULTURE**—Sow when the ground has become thoroughly warm, in hills 5 to 6 feet apart each way. A few shovelfuls of well-rotted manure should be incorporated in each hill. Scatter 12 to 15 seeds on top of each hill and cover about  $\frac{1}{4}$  inch deep. Thin out to 2 or 3 strongest plants per hill. One ounce for 50 hills; 2 to 3 lbs. in hills per acre.

**Early Rocky Ford.** Its earliness is a distinct advantage to market growers. Closely netted; sweet and spicy. Postpaid: **Pkt. 10c; oz. 20c;  $\frac{1}{4}$  lb. 60c; lb. \$2.00.**

**Hale's Best No. 36.** An improved strain adapted to shipping, roadside market and home garden. Slightly smaller than the original strain but more uniform in size. Net is very heavy, only a slight stripe showing, rind strong, flesh thick, good quality. Shape is slightly oval. **Pkt. 10c; oz. 20c;  $\frac{1}{4}$  lb. 60c; lb. \$2.00.**

**Hale's Best No. 45.** A strain developed to resist powdery mildew. A good type Hale's, oval in shape, medium large, thick flesh, dark orange color, seed cavity very small. **Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 65c; lb. \$2.25.**

**Hale's Best No. 936—Jumbo.** Similar to No. 36 except it is a larger or jumbo strain. **Pkt. 10c; oz. 20c;  $\frac{1}{4}$  lb. 60c; lb. \$2.00.**

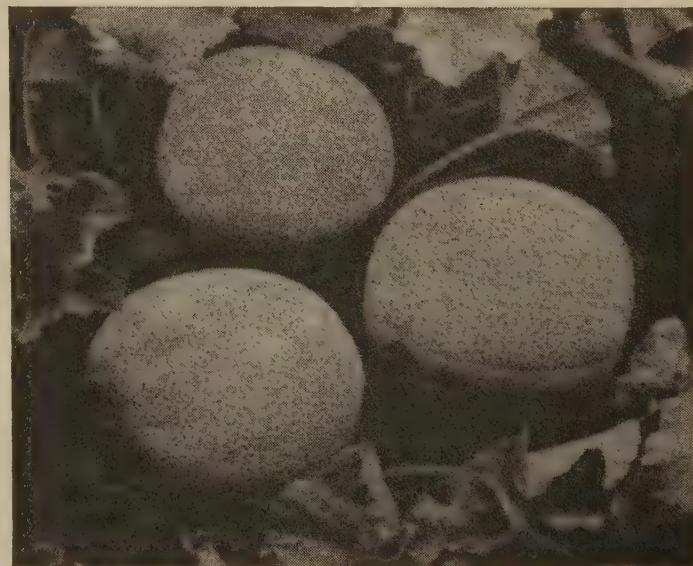
**Hearts of Gold.** An ideal shipping melon of finest quality. Rich orange, very thick, firm, and of delicious flavor. Postpaid: **Pkt. 10c; oz. 20c;  $\frac{1}{4}$  lb. 60c; lb. \$2.00.**

**Honey Dew (Antibes).** Fruit large, ovoid, about 10 inches long and 8 inches in diameter; surface smooth, hard, creamy white, turning to a lemon tint when fully ripe; flesh light emerald-green, very thick, ripening to the rind. Postpaid: **Pkt. 10c; oz. 20c;  $\frac{1}{4}$  lb. 60c; lb. \$2.00.**

**Improved Junior Rocky Ford.** Uniform in size and has deep, rich green flesh, shading to salmon-pink at seed-cavity. Resistant to blight. Postpaid: **Pkt. 10c; oz. 30c;  $\frac{1}{4}$  lb. 90c; lb. \$3.00.**

**Long John.** This variety is becoming very popular in Maryland in sections where Cantaloupes are grown extensively. It is a Rocky Ford type in every respect except the shape which is very long; it is also very rough and heavily ribbed. Matures about 10 days later than Rocky Ford. **Pkt. 10c; oz. 30c;  $\frac{1}{4}$  lb. 90c; lb. \$3.00.**

**Pride of Wisconsin.** A very large elongated shaped melon with very thick deep yellow flesh of lustrous quality. The rind is cream colored and slightly netted. **Oz. 25c;  $\frac{1}{4}$  lb. 75c; lb. \$2.50.**



*Hale's Best No. 936*



*Imperial 44*

### LETTUCE

**CULTURE**—For a succession, sow seeds of Lettuces in the open ground around the middle of April. Lettuces must be thinned out to stand from 6 to 10 inches apart in the row to head properly. During July again sow early Butterhead varieties for a fall supply. One ounce will produce about 3000 plants.

**Imperial No. 44 (WS).** 80-83 days. This is a type of Iceberg Lettuce developed by the U. S. Department of Agriculture that seems to be very adaptable to the eastern climate and soil. It makes heads better than any other strain and shows marked resistance to tip burn. The heads are solid and of fine quality. **Pkt. 15c; oz. 35c;  $\frac{1}{4}$  lb. \$1.00; lb. \$3.25.**

**Imperial No. 847.** 83-86 days. A medium large, hard heading variety that does quite well in hot weather and is resistant to tip burn. It produces heads of good size and solidity where other strains fail. It is a little later than New York 44 and has larger heads. **Pkt. 15c; oz. 35c;  $\frac{1}{4}$  lb. \$1.00; lb. \$3.25.**

**Big Boston.** Large heads; leaves light green, slightly tinged brown at edges. Postpaid: **Pkt. 10c; oz. 20c;  $\frac{1}{4}$  lb. 50c; lb. \$1.75.**

**Cos Lettuce, or Romaine Salad.** Heads blanch pure white and are of the most delicate flavor. Postpaid: **Pkt. 10c; oz. 20c;  $\frac{1}{4}$  lb. 50c; lb. \$1.75.**

**Early Curled Simpson.** **Pkt. 10c; oz. 20c;  $\frac{1}{4}$  lb. 50c; lb. \$1.75.**

**Great Lakes.** An outstanding type of new Crisp-head or Iceberg. A summer lettuce; it stands heat and sun, is remarkably slow to seed and is also very resistant to tip-burn. Heads medium size, solid and crisp. **Pkt. 15c;  $\frac{1}{2}$  oz. 30c; oz. 50c;  $\frac{1}{4}$  lb. \$1.50; lb. \$5.00.**

**Grand Rapids.** There is no better curled Lettuce for forcing. Does well outdoors and does not form heads. Postpaid: **Pkt. 10c; oz. 20c;  $\frac{1}{4}$  lb. 50c; lb. \$1.75.**

**Iceberg.** Large, curly leaves of bright, light green, with slight reddish tinge at edges. Postpaid: **Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 75c; lb. \$2.50.**

**New York, or Wonderful.** Immense, very solid heads; heart blanches beautifully; tender and crisp. Fine for summer. **Pkt. 10c; oz. 35c;  $\frac{1}{4}$  lb. \$1.00; lb. \$3.25.**

**Simpson Black-seeded.** One of the best large, early, loose-heading varieties. Postpaid: **Pkt. 10c; oz. 20c;  $\frac{1}{4}$  lb. 50c; lb. \$1.75.**

**White Big Boston.** Solid, of excellent quality, 10 days ahead of Big Boston, to which its general character is very similar. **Pkt. 10c; oz. 20c;  $\frac{1}{4}$  lb. 50c; lb. \$1.75.**

**Early Prizehead.** **Pkt. 10c; oz. 20c;  $\frac{1}{4}$  lb. 50c; lb. \$1.75.**



## TESTED VEGETABLE SEEDS -- Continued



*Dixie Queen*

### WATERMELONS

**CULTURE** — Watermelon seed should be planted in rich, sandy soil, in May and June, in hills 8 to 10 feet each way, 1 inch deep. Sow 3 ounces to 100 hills, 4 pounds an acre.

**Blacklee.** Wilt Resistant. Very fine flavor. The dark green rind is about half an inch thick; the flesh deep rich red; seeds black. The rind is very tough, making it excellent for shipping. **Pkt.** 15c; **oz.** 25c;  $\frac{1}{4}$  lb. 75c; **lb.** \$2.50.

**Burrell's Grey.** (90 days.) Far superior to other long grey melons. Fruits large, weighing, as a rule, 40 to 45 pounds; oblong and full. Color light greyish green. Rind extremely hard and tough, making it a good shipper. **Pkt.** 15c; **oz.** 35c;  $\frac{1}{4}$  lb. 75c; **lb.** \$2.50.

**Dixie Queen.** A large nearly round Melon with sweet, deep red flesh. Rind greyish green with dark stripes. **Pkt.** 10c; **oz.** 25c;  $\frac{1}{4}$  lb. 75c; **lb.** \$2.50.

**Florida Favorite.** A large, long, early melon. Ships well. Its solid, juicy, bright crimson meat is deliciously sweet to the rind. **Postpaid:** **Oz.** 15c;  $\frac{1}{4}$  lb. 50c; **lb.** \$1.50.

**Florida Giant or Cannonball.** The melons are oval shaped with blunt ends, dark green skin, firm, crisp, bright red flesh that is inclined to be coarse grained. It is the largest of the newly introduced varieties. The seeds are black. **Pkt.** 10c; **oz.** 25c;  $\frac{1}{4}$  lb. 65c; **lb.** \$2.00.

**Garrison (Coker).** A long light melon with dark green irregular stripes. Flesh beautiful red, tender and sweet. Dingy white seed. **Pkt.** 20c; **oz.** 35c;  $\frac{1}{4}$  lb. \$1.00; **lb.** \$3.00.

**Hawkesbury.** Vines vigorous. Melons weigh 30 pounds or more. Light grey-green rind which is tough. Flesh red, no trace of hard centers. Black seeds. Resistant to fusarium wilt. **Pkt.** 10c; **oz.** 20c;  $\frac{1}{4}$  lb. 60c; **lb.** \$2.00.

**Leesburg, or Wilt Resistant Kleckley's Sweet.** Often reaching 50 pounds. Dark green skin; thin rind; flesh bright scarlet, with solid heart, delightfully sweet, ripening right up to the thin rind. **Postpaid:** **Oz.** 20c;  $\frac{1}{4}$  lb. 60c; **lb.** \$2.00.

**Schochler Improved.** Fruits very long, large, dark green, with very faint stripes; rind hard and tough. Flesh rich red, fine grained, of good quality. **Pkt.** 10c; **oz.** 25c;  $\frac{1}{4}$  lb. 65c; **lb.** \$2.25.

**Stone Mountain.** Almost round; dark green rind; medium thick, rich scarlet flesh. Not unusual to grow Stone Mountain weighing 40 to 65 pounds. Seed white with black tips. **Postpaid:** **Oz.** 20c;  $\frac{1}{4}$  lb. 50c; **lb.** \$1.75.

**Tom Watson.** Long, dark green, like Kleckley Sweet but larger and has a tougher rind, giving it exceptionally fine shipping qualities. **Postpaid:** **Oz.** 20c;  $\frac{1}{4}$  lb. 50c; **lb.** \$1.50.

### MUSTARD

**CULTURE** — Mustard has grown popular both as a salad and for greens. Sow in spring, and every 2 weeks up to July, in shallow drills 1 to 1½ feet apart. Use the leaves when young, before flower buds appear. One ounce of seed will sow 75 feet of drill.

**Southern Giant Curled.** Forms a mass of leaves, curled and crimped around the edges. **Postpaid:** **Pkt.** 10c; **oz.** 15c;  $\frac{1}{4}$  lb. 40c; **lb.** \$1.25.

**Tendergreen (Mustard Spinach).** **Pkt.** 10c; **oz.** 15c;  $\frac{1}{4}$  lb. 40c; **lb.** \$1.00.

### OKRA OR GUMBO

**CULTURE** — Sow in rich, warm soil, about the middle of May, in drills 3 feet apart and cover an inch deep. Thin to 1½ feet. One ounce of seed will sow 30 feet of drill.

**Dwarf Long Island Green-Pod.** Produces a great abundance of dark green pods of the best quality. **Postpaid:** **Oz.** 15c;  $\frac{1}{4}$  lb. 35c; **lb.** \$1.25.

### PARSNIPS

**CULTURE** — The seed should be sown as early as the ground is fit—never later than mid-May. Make the rows 1½ feet apart and cover the seed about ½ inch deep. Thin out the plants to stand 4 to 5 inches apart. Give frequent deep cultivation. One ounce of seed will sow 100 feet of row.

**Sugar, or Hollow Crown.** Long, smooth, white roots, tender and well flavored. **Postpaid:** **Pkt.** 10c; **oz.** 20c;  $\frac{1}{4}$  lb. 45c; **lb.** \$1.25.

## ONION SEED

**CULTURE** — To grow large Onions from seed, it should be sown as early as possible in the spring, as Onions grow much better during the cool weather, and should make most of their growth before the hot weather sets in. Sow 1 ounce to 100 feet, 5 pounds an acre, in rows 12 to 14 inches apart, 2 to 4 inches apart in rows. Onions for sets, sow 40 to 50 pounds an acre, in rows 10 to 12 inches apart.

**Japanese, or Ebenezer.** A Yellow Globe variety resembling Yellow Danvers, but is larger and a better keeper. Very popular. **Postpaid:** **Pkt.** 10c; **oz.** 40c;  $\frac{1}{4}$  lb. \$1.35; **lb.** \$4.00.

**Prizetaker, or Spanish King.** Large and of extra-fine flavor. Outside skin rich yellow straw-color; flesh pure white, sweet, and mild. **Postpaid:** **Pkt.** 10c; **oz.** 45c;  $\frac{1}{4}$  lb. \$1.25; **lb.** \$4.00.

**Red Wethersfield.** **Pkt.** 10c; **oz.** 50c;  $\frac{1}{4}$  lb. \$1.65; **lb.** \$5.00.

**Silverskin.** A pure white Onion; very mild and sweet. **Postpaid:** **Pkt.** 10c; **oz.** 45c;  $\frac{1}{4}$  lb. \$1.25; **lb.** \$4.00.

**Yellow Globe Danvers.** Best-known and most largely grown yellow Onion for spring planting. **Postpaid:** **Pkt.** 10c; **oz.** 40c;  $\frac{1}{4}$  lb. \$1.00; **lb.** \$3.50.

### ONION SETS

**CULTURE** — Onion Sets require clean, very rich soil, which should be thoroughly cultivated. Disturb the roots of the Onion as little as possible, either in thinning or hoeing, and never hoe earth toward them to cover or hill. Plant 1 quart to 50 feet, 12 to 15 bushels to acre.

**Japanese.** Nearly globe-shape, mild, and sweet. Excellent keeper. **Lb.** 25c;  $\frac{1}{2}$  pk. 85c; **pk.** \$1.50.

**Silverskin.** Fine spring Onion of mild flavor. Heavy yielder and good keeper. **Lb.** 25c;  $\frac{1}{2}$  pk. 85c; **pk.** \$1.50.

**Yellow Danvers.** The most desired yellow Onion for spring planting. **Lb.** 25c;  $\frac{1}{2}$  pk. 85c; **pk.** \$1.50.

**Golden Globe (Bottle Neck).** Used for growing globe shape Sets, having excellent keeping qualities and very productive. Bulbs are oblong or bottle neck in shape, golden yellow, hard and firm. Desirable either for market or storage. **Lb.** 25c;  $\frac{1}{2}$  pk. 85c; **pk.** \$1.50.

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Please Note: Onion Set prices are F.O.B. Baltimore. Customer must pay Postage.

All Prices Subject to Change.

### PARSLEY

**CULTURE** — Sow in early spring in rows 1 foot apart and cover firmly ¼ inch deep; thin out to 6 inches. One ounce of seed will sow 200 feet of drill.

**Double Curled.** The most densely curled of all, being very like some luxuriant moss. **Postpaid:** **Pkt.** 10c; **oz.** 20c;  $\frac{1}{4}$  lb. 40c; **lb.** \$1.25.

**Hamburg, or Rooted.** A rooted variety of which the roots are the portion used; good in flavoring soups and stews. **Postpaid:** **Pkt.** 10c; **oz.** 20c;  $\frac{1}{4}$  lb. 50c; **lb.** \$1.50.

**Plain, or Single.** A strong, hardy plant which is excellent for seasoning. **Postpaid:** **Pkt.** 10c; **oz.** 20c;  $\frac{1}{4}$  lb. 50c; **lb.** \$1.50.



## TESTED VEGETABLE SEEDS -- Continued

### Wrinkled Varieties

**Champion of England.** Grows 4 to 5 feet high; abundant bearer. Pods 3 inches long.  $\frac{1}{4}$  lb. 15c;  $\frac{1}{2}$  lb. 25c; lb. 40c; 2 lbs. 75c; 15 lbs. \$4.00.

**Early Wonder.** Finest early wrinkled Pea. Pods handsome, bluish green, 4 inches long, and filled with 8 large, dark green Peas of superb quality.  $\frac{1}{4}$  lb. 15c;  $\frac{1}{2}$  lb. 25c; lb. 40c; 2 lbs. 75c; 15 lbs. \$4.00.

**Gradus, or Prosperity.** One of the best early varieties. Pods are large, well filled, and of unsurpassed quality.  $\frac{1}{4}$  lb. 15c;  $\frac{1}{2}$  lb. 25c; lb. 40c; 2 lbs. 75c; 15 lbs. \$4.00.

**Laxtonian.** Produces large, very dark green pods 4 inches long, filled with Peas of delicious flavor.  $\frac{1}{4}$  lb. 15c;  $\frac{1}{2}$  lb. 25c; lb. 40c; 2 lbs. 75c; 15 lbs. \$4.00.

**Little Marvel.** A very early wrinkled variety, extra fine in flavor, tender and sweet. Very prolific.  $\frac{1}{4}$  lb. 15c;  $\frac{1}{2}$  lb. 25c; lb. 40c; 2 lbs. 75c; 15 lbs. \$4.00.

**McLean's Little Gem.** Very early; delicious flavor. Prolific. Vines  $1\frac{1}{4}$  feet high.  $\frac{1}{4}$  lb. 15c;  $\frac{1}{2}$  lb. 25c; lb. 40c; 2 lbs. 75c; 15 lbs. \$4.00.

**Nott's Excelsior.** One of the earliest Sugar Peas. Vine vigorous and a heavy bearer, about 12 inches high. Pods about 3 inches long.  $\frac{1}{4}$  lb. 15c;  $\frac{1}{2}$  lb. 25c; lb. 40c; 2 lbs. 75c; 15 lbs. \$4.00.

**Thomas Laxton.** Early; of good quality. Hardy, strong grower, bearing abundantly.  $\frac{1}{4}$  lb. 15c;  $\frac{1}{2}$  lb. 25c; lb. 40c; 2 lbs. 75c; 15 lbs. \$4.00.

**Telephone Improved.**  $\frac{1}{4}$  lb. 15c;  $\frac{1}{2}$  lb. 25c; lb. 40c; 2 lbs. 75c; 15 lbs. \$4.00.

### Smooth Varieties

**Ameer.** Larger, more prolific strain of Alaska, ripening a few days later.  $\frac{1}{4}$  lb. 15c;  $\frac{1}{2}$  lb. 25c; lb. 40c; 2 lbs. 75c; 15 lbs. \$3.75.

**Dwarf Grey Sugar.** Grows 18 inches high and produces a heavy crop of small, flat pods.  $\frac{1}{4}$  lb. 15c;  $\frac{1}{2}$  lb. 25c; lb. 40c; 2 lbs. 75c; 15 lbs. \$3.75.

**Early Bird.** Extremely early, of superb quality and unusual productiveness. Dwarf, vigorous vines bear an abundance of large, green pods, filled with delicious Peas.  $\frac{1}{4}$  lb. 15c;  $\frac{1}{2}$  lb. 25c; lb. 40c; 2 lbs. 75c; 15 lbs. \$4.00.

**Edible-podded Mammoth Melting Sugar.** Height about 4 feet. The pods are borne in great profusion, and should be gathered when the seeds are just beginning to form. They are broken in pieces the same as string beans.  $\frac{1}{4}$  lb. 15c;  $\frac{1}{2}$  lb. 25c; lb. 50c; 2 lbs. 95c; 15 lbs. \$4.50.

**Extra-Early Alaska.** Pods are well filled of good length, and beautiful green color.  $\frac{1}{4}$  lb. 20c; lb. 30c; 2 lbs. 55c; 15 lbs. \$3.00.

**Long-podded Alaska.** Very good early shipper. Vines 3 feet high, with frosty, green pods and fine flavor.  $\frac{1}{4}$  lb. 15c;  $\frac{1}{2}$  lb. 25c; lb. 40c; 2 lbs. 75c; 15 lbs. \$3.75.

PRICES OF PEAS F.O.B. BALTIMORE  
POSTAGE EXTRA

### PEPPERS

**CULTURE**—Start seedlings in hot-bed about March 1 and transplant to garden about middle of May, 15 to 18 inches apart in rows 18 to 30 inches apart. Sow 1 ounce to produce 1000 plants, 8 ounces an acre; 11,000 to 12,000 plants an acre.

**California Wonder.** Of squatty shape, making it fine for stuffing and serving individually. The flesh is very thick, sweet and mild flavored. Postpaid: Pkt. 10c; oz. 65c;  $\frac{1}{4}$  lb. \$2.00; lb. \$7.50.

**Chinese Giant.** Most popular of the older varieties. Very early, of good size and flavor, with thick flesh. An excellent shipper. Postpaid: Pkt. 10c; oz. 65c;  $\frac{1}{4}$  lb. \$2.00; lb. \$7.50.

**Long Red Cayenne.** Well-known narrow, bright red Pepper, used for various culinary purposes. Postpaid: Pkt. 10c; oz. 50c;  $\frac{1}{4}$  lb. \$1.75; lb. \$6.00.

**Ruby King.** This splendid large, early Pepper has been most profitable for market gardeners. Very mild and sweet. Extremely productive. Postpaid: Pkt. 10c; oz. 50c;  $\frac{1}{4}$  lb. \$1.75; lb. \$6.00.

**Sweet Bullnose.** Vigorous and stocky, carrying the fruit well throughout the season. Slightly smaller than Ruby King and not quite as mild. Postpaid: Pkt. 10c; oz. 50c;  $\frac{1}{4}$  lb. \$1.75; lb. \$6.00.

**Red Chili.** Postpaid: Pkt. 10c; oz. 50c;  $\frac{1}{4}$  lb. \$1.75; lb. \$6.00.

**World Beater.** Postpaid: Pkt. 10c; oz. 50c;  $\frac{1}{4}$  lb. \$1.75; lb. \$6.00.

### PUMPKINS

**CULTURE**—Plant in May 1 inch deep, in hills 8 feet apart. Use 10 seeds to each hill, as bugs often destroy the young plants, but allow only 2 or 3 healthy plants to remain in each hill. They are usually planted in fields with corn or potatoes. Sow 1 ounce to 100 feet, 4 pounds an acre.

**Connecticut Field (Large Yellow).** Excellent for stock-feeding. Postpaid: Pkt. 10c; oz. 15c;  $\frac{1}{4}$  lb. 40c; lb. \$1.25.

**Green Striped Cushaw.** Large, with crooked neck; creamy white, irregularly striped or traced with green. Flesh light yellow, very thick and sweet. Postpaid: Pkt. 10c; oz. 20c;  $\frac{1}{4}$  lb. 50c; lb. \$1.50.

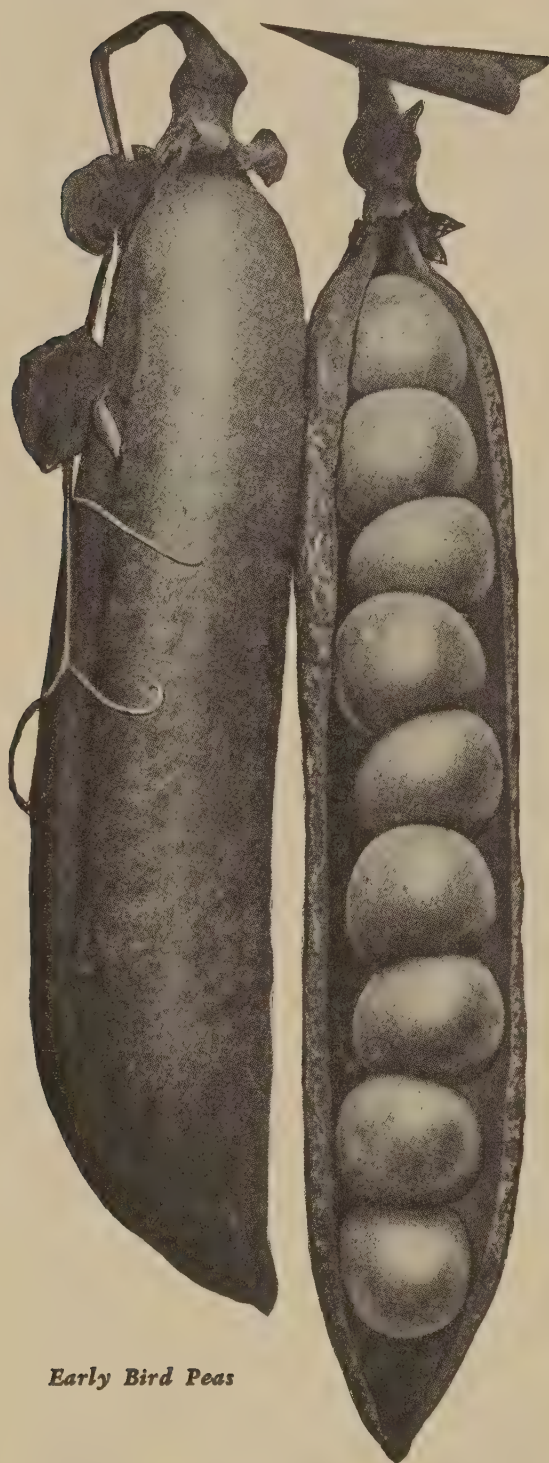
**King of the Mammoths.** Sometimes weighs over 100 pounds. The flesh is golden yellow. An excellent keeper. Postpaid: Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 60c; lb. \$2.00.

**New England Pie (Sugar).** Small, round, very sweet, fine grained, and of the best quality. Postpaid: Pkt. 10c; oz. 20c;  $\frac{1}{4}$  lb. 50c; lb. \$1.50.

**Sweet Potato.** Finest variety for table. Postpaid: Pkt. 10c; oz. 20c;  $\frac{1}{4}$  lb. 50c; lb. \$1.50.

**Kentucky Field.** Postpaid: Pkt. 10c; oz. 15c;  $\frac{1}{4}$  lb. 40c; lb. \$1.25.

**Large Cheese.** The fruits are very flat, with heavy ribbing, dull orange surface with heavy bloom. The flesh is dull orange color very thick and of good flavor. Pkt. 10c; oz. 20c;  $\frac{1}{4}$  lb. 50c; lb. \$1.50.



Early Bird Peas

### GARDEN PEAS

**CULTURE**—There are two classes of Peas, the smooth-seeded kinds, which are very hardy and may be planted as early in the spring as the ground can be prepared, and the wrinkled Peas, which are less hardy but much better in quality. Wrinkled Peas should not be sown much before mid-April. Sow in drills about 3 feet apart and 3 inches deep.

By planting 1 or 2 varieties of smooth-seeded Peas as early as possible and then a selection of wrinkled sorts that will mature in succession, a constant supply of tender green Peas may be had. Two pounds will sow 100 feet of row, 2 bushels to the acre in 3-ft. rows.



## TESTED VEGETABLE SEEDS -- Continued



Scarlet Globe Radish

### RADISHES

**CULTURE**—Sow seed as soon as ground becomes warm, put out successive plantings every 10 days, in rows 10 to 15 inches apart,  $\frac{1}{2}$  inch deep, and thin to 1 to 2 inches apart. Sow 1 ounce to 100 feet, 8 to 10 pounds an acre. Winter varieties are planted in August for winter use. The roots keep well if stored in a cool place.

**Chartier, or Shepherd.** Long, crimson, tipped with white. Postpaid: Pkt. 10c; oz. 15c;  $\frac{1}{4}$  lb. 35c; lb. \$1.00.

**Cincinnati Market.** Small tops about 6 inches long. Bright scarlet; delicate skin. Postpaid: Pkt. 10c; oz. 15c;  $\frac{1}{4}$  lb. 40c; lb. \$1.25.

**Early Scarlet Globe.** Earliest Radish. Beautiful, transparent, round, bright red, remarkably crisp. Small tops, short leaves. Postpaid: Pkt. 10c; oz. 15c;  $\frac{1}{4}$  lb. 25c; lb. 90c.

**Early Scarlet White-tipped Turnip.** A scarlet variety of handsome shape, having a white-tipped root. Postpaid: Pkt. 10c; oz. 15c;  $\frac{1}{4}$  lb. 25c; lb. 90c.

**French Breakfast.** A white-tipped, olive-shaped sort, and one of the earliest for forcing. Postpaid: Pkt. 10c; oz. 15c;  $\frac{1}{4}$  lb. 30c; lb. \$1.00.

**Giant White Stuttgart.** An immense white summer Radish. Postpaid: Pkt. 10c; oz. 15c;  $\frac{1}{4}$  lb. 30c; lb. \$1.00.

**Long White Icicle, or Lady Finger.** Early long white variety of slender form, tender, crisp, and with delicate flavor. Fine for forcing. Postpaid: Pkt. 10c; oz. 15c;  $\frac{1}{4}$  lb. 35c; lb. \$1.00.

**White Summer Strasburg.** Oblong, tapering, crisp and tender; both flesh and skin pure snow-white. Grows very quickly, and can be sown throughout the summer. Postpaid: Pkt. 10c; oz. 15c;  $\frac{1}{4}$  lb. 35c; lb. \$1.00.

**Long Scarlet Short Top.** Postpaid: Pkt. 10c; oz. 15c;  $\frac{1}{4}$  lb. 30c; lb. \$1.00.

### Winter Radishes

**Celestial, or White Chinese.** The finest of the Chinese varieties, growing to a very large size. The roots are shaded by its heavy foliage, and are always crisp and mild. Postpaid: Pkt. 10c; oz. 15c;  $\frac{1}{4}$  lb. 45c; lb. \$1.25.

**Chinese Rose.** Half-long, pink, solid, mild flesh. Sow in August. Postpaid: Pkt. 10c; oz. 15c;  $\frac{1}{4}$  lb. 45c; lb. \$1.25.

**Long Black Spanish.** The hardest long Radish, especially adapted for winter use. Thick, almost black, with white flesh of firm texture. Postpaid: Pkt. 10c; oz. 15c;  $\frac{1}{4}$  lb. 40c; lb. \$1.25.

**Round Black Spanish.** The radish is round, 3 to 4 inches in diameter. The skin is a rich black color with very clear white flesh. The flavor is excellent and the radish keeps well. Pkt. 10c; oz. 15c;  $\frac{1}{4}$  lb. 40c; lb. \$1.25.

### RHUBARB OR PIE PLANT

**CULTURE**—Good plants are easily grown in any good garden soil. Sow seed thinly in shallow drills, 1 inch deep, a foot apart; thin to 4 to 5 inches. Keep soil loose and free from weeds. In fall or spring following, transplant to the permanent bed, 4 feet apart each way, in deep, warm, and very rich soil. Sow 1 ounce to 100 feet, 3 pounds an acre; 5000 to 7000 roots an acre.

**Myatt's Victoria.** The most popular variety. Comes quite true from seed.

**Seed:** Postpaid: Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 85c; lb. \$2.75.

**Roots:** Extra-large, 2-yr. Each 20c; Doz. \$2.25. (Mailing weight 2 lbs. each; postage extra.)

### SALSIFY (Oyster Plant)

**CULTURE**—Sow in early spring, in light, rich soil,  $\frac{1}{2}$  inch deep, in drills 14 inches apart, and thin the plants to 3 to 4 inches apart. The roots will be ready for use in October and will sustain no injury by being left in the ground during the winter. Sow 1 ounce to 1000 feet, 8 pounds an acre.

**Mammoth Sandwich Island.** The most popular Salsify in cultivation, weight, and productiveness. A strong grower with large, long, white tapering roots without a tendency to branch. Postpaid: Pkt. 10c; oz. 35c;  $\frac{1}{4}$  lb. \$1.25; lb. \$4.50.

### SPINACH

**CULTURE**—For summer use, sow early in spring, covering the seed 1 inch deep, 3 to 6 inches apart, in rows 12 to 18 inches apart. Select rich soil and manure liberally. A succession may be obtained by sowing at intervals of two weeks through the season. For a very early spring crop, sow in September, and protect the plants through the winter by top-dressing. Sow 1 ounce to 60 feet, 10 to 12 pounds an acre; broadcast 20 pounds an acre.

Richardson's  
Griffith & Turner's  
Wiseman-Downs'

**Long-Standing Bloomsdale.** Remain in condition for use 10 days longer than the regular Bloomsdale before bolting to seed. Recommended for spring sowing. Heavily crumpled, dark green foliage. Oz. 15c;  $\frac{1}{4}$  lb. 25c; lb. 60c.

**New Zealand.** Thrives during the hottest summer weather and in any soil. The tender tips may be cut every few days; continues till frost. Soak for 24 hours and plant 4 seeds in hills 2 feet apart each way. Oz. 20c;  $\frac{1}{4}$  lb. 40c; lb. \$1.25.

**Re-selected Bloomsdale Savoy.** The most popular variety. Very early; hardy; curled leaves. Oz. 15c;  $\frac{1}{4}$  lb. 25c; lb. 60c.

**Old Dominion.** A long-standing strain of Blight Resistant Virginia Savoy. Best adapted for sowing in late fall for an early spring crop. Oz. 15c;  $\frac{1}{4}$  lb. 25c; lb. 60c.

**Virginia Savoy Blight Resistant.** This is a blight resistant strain of Savoy. Oz. 15c;  $\frac{1}{4}$  lb. 25c; lb. 60c.

### SQUASH

**CULTURE**—Plant the bush kinds in well-drained ground, enriched with rotted manure, in hills 5 feet apart each way; the winter kinds 10 to 12 feet apart each way. One ounce of seed for 25 hills; 3 to 4 pounds per acre.

### Bush Varieties

**Acorn or Table Queen.** Acorn-shaped, 5 in. long and 4 in. thick; deeply ribbed, dark green skin and light orange flesh that cooks dry and sweet. Pkt. 10c; oz. 20c;  $\frac{1}{4}$  lb. 50c; lb. \$1.50.

**Cocozele Bush.** Compact growth. Fruits are oblong, 12 in. or more in length, 4 to 5 in. in diameter. Skin dark green, striped. Postpaid: Pkt. 10c; oz. 20c;  $\frac{1}{4}$  lb. 50c; lb. \$1.50.

**Early Prolific Straightneck.** 51-55 days. Improved Giant Straightneck. The fruits are 8 to 10 inches long, 2 to 2 $\frac{1}{2}$  inches in largest diameter. It is long, slender, pear-shaped, with rounded or abruptly tapered tip; smooth or sparsely warted; light yellow in the edible stage. Pkt. 10c; oz. 20c;  $\frac{1}{4}$  lb. 50c; lb. \$1.75.

**Early White Bush, or Patty-Pan Cymbling.** Popular. Squash for home use and market. Postpaid: Pkt. 10c; oz. 20c;  $\frac{1}{4}$  lb. 50c; lb. \$1.50.

**Green Tint Benning.** Very similar to White Bush except the fruit has an attractive green tint. Very popular with market gardeners. Postpaid: Pkt. 10c; oz. 20c;  $\frac{1}{4}$  lb. 50c; lb. \$1.50.

**Golden Summer Crookneck.** Early, best, and richest summer Squash. Very productive. A foot long, with crooked neck, densely warty. Postpaid: Pkt. 10c; oz. 20c;  $\frac{1}{4}$  lb. 50c; lb. \$1.50.

### Running Varieties

**Boston Marrow.** In form and size similar to Hubbard. Shell bright orange; flesh yellow and firm. The best for canning or pies. Postpaid: Oz. 15c;  $\frac{1}{4}$  lb. 45c; lb. \$1.25.

**Golden Hubbard.** Similar to Hubbard, except that it is smaller, matures earlier and is of an orange-red color, except for a bit of olive-green on the blossom end. Pkt. 10c; oz. 20c;  $\frac{1}{4}$  lb. 60c; lb. \$2.00.

**True Hubbard.** Fruits large, olive-shaped, with dark green skin and very rich flesh. An excellent keeper and of splendid quality. Postpaid: Pkt. 10c; oz. 20c;  $\frac{1}{4}$  lb. 60c; lb. \$2.00.

**Blue Hubbard.** Pkt. 10c; oz. 20c;  $\frac{1}{4}$  lb. 60c; lb. \$2.00.



## TOMATOES

**CULTURE**—One ounce seed will produce about 2000 plants. Sow seed in March and April in the hotbed, or in pots in a sunny exposure in the house. Transplant when 2 to 3 inches high. When ground has become warm, transplant, on a rainy or cloudy day. Set the plants 4 x 4 feet, 3000 plants per acre.

**Beefsteak, or Crimson Cushion.** Quality is splendid. Grown for family use. Postpaid: Pkt. 10c; oz. 75c; ¼ lb. \$2.75; lb. \$10.00.

**Bonnie Best.** Early, smooth, bright red Tomato of medium size. Postpaid: Pkt. 10c; oz. 50c; ¼ lb. \$1.50; lb. \$5.00.

**Break o' Day.** Resembles Marglobe in shape, size, color, and solidity. It is blight-resistant and a heavy yielder. Fruit ripens along with the earliest varieties. Oz. 40c; ¼ lb. \$1.75; lb. \$6.00.

**Greater Baltimore.** A canning Tomato upon which dependence can be placed under most adverse conditions to produce large, smooth, and solid fruit. Postpaid: Pkt. 10c; oz. 40c; ¼ lb. \$1.25; lb. \$4.00.

**Indiana Baltimore.** ¼ lb. \$1.25; lb. \$4.00.

**John Baer.** One of the best early Tomatoes. A heavy cropper. Fruit bright red or scarlet, of good quality. Postpaid: Pkt. 10c; oz. 40c; ¼ lb. \$1.25; lb. \$5.00.

**Marglobe.** Uniform, large, smooth, bright, red fruits. Heavy bearer and matures second early. Blight resistant and has proved valuable where Tomato diseases are troublesome. Postpaid: Pkt. 10c; oz. 40c ¼ lb. \$1.25; lb. \$4.00.

**Marglobe Certified.** ¼ lb. \$1.50; lb. \$5.00.

**New Stone.** Postpaid: Pkt. 10c; oz. 50c; ¼ lb. \$1.25; lb. \$4.00.

**Oxheart.** 86 days. One of the largest tomatoes ever introduced, some fruits weighing 2 lbs. each. The oxheart shape of the pinkish red fruits is most distinct; interior is extremely solid. Pkt. 25c; ½ oz. 85c; oz. \$1.50.

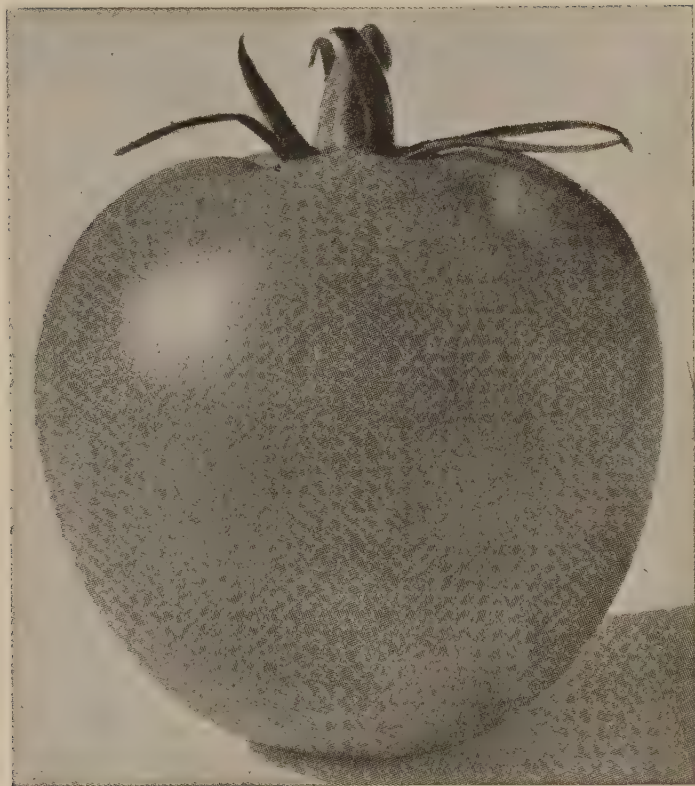
**Ponderosa.** It is undoubtedly the largest, meatiest, and finest flavored Tomato in cultivation. Postpaid: Pkt. 10c; oz. 75c; ¼ lb. \$2.75; lb. \$10.00.

**Pritchard (Early Red).** Color intense scarlet. A most important feature of this variety is its early maturity. Oz. 45c; ¼ lb. \$1.35; lb. \$4.50.

**Pritchard Certified.** ¼ lb. \$1.50; lb. \$5.00.

**Rutgers.** Makes a big, vigorous plant on which large, globular, deep red fruits are borne in quantity. Resistant to disease. Pkt. 10c; oz. 40c; ¼ lb. \$1.25; lb. \$4.00.

**Rutgers Certified.** ¼ lb. \$1.50; lb. \$5.00.



Rutgers Tomato

## SWISS CHARD

**CULTURE**—Swiss Chard replaces spinach during the hot weather and is as easy to grow as beets. Sow the seed during April or May in rows 16 to 20 inches apart and thin the seedlings to stand 1 foot apart in the row. The plants are quite hardy and will yield throughout the summer and fall until frost. The leaves are prepared like spinach, the white midribs like asparagus. A packet will sow 25 feet of row; an ounce 100 feet; 4 pounds per acre.

**Fordhook Giant.** The rich blue-green leaves are much crinkled and average 10 inches by 2½ feet, thick and fleshy. Pkt. 10c; oz. 15c; ¼ lb. 40c; lb. \$1.25.

**Giant Lucullus.** Grows 2½ feet high. Leaves heavily crumpled, very crisp. Pkt. 10c; oz. 15c; ¼ lb. 40c; lb. \$1.25.

### The New Wilt Resistant Tomato SOUTHLAND

This is an excellent variety for shippers, home and market gardeners. It was developed at the Regional Vegetable Breeding Laboratory at Charleston, South Carolina. "Southland" is a standard type red, general purpose tomato, maturing in the same season as Rutgers, or slightly earlier. It is highly resistant to Fusarium Wilt, collar rot, and blight. Fruit is approximately equal to Rutgers in size, but slightly more oblate. Has smooth shoulders and develops good even color. An excellent yielder, hardy and dependable. Pkt. 25c; oz. \$2.00; ¼ lb. \$6.00.

**Valiant.** Coming between Earliana types and Marglobe and Rutgers, Valiant will yield a fine crop averaging 7 oz. per fruit where it can mature most of its crop before severe heat comes in July. Oz. 60c; ¼ lb. \$1.75; lb. \$6.50.

## TURNIPS and RUTABAGAS

**CULTURE**—Turnips thrive best in cool weather. The early flat sorts may be sown from very early spring up to the middle of May. The main crop for fall and winter use should be sown in July or August. Sow the seed in drills 1 to 1½ feet apart and thin out to stand 4 inches apart.

**Early Purple-top Strapleaf.** Flat, white with purple top; fine-grained and tender. Used for early market and table. Oz. 15c; ¼ lb. 35c; lb. \$1.15.

**Large White Norfolk Globe Pomeranian.** Makes large, round, handsome, white roots. Oz. 15c; ¼ lb. 35c; lb. \$1.15.

**Large Yellow, or Amber Globe.** Large globe-shaped; solid yellow flesh; green top. Fine for table and stock. Keeps well throughout the winter. Oz. 15c; ¼ lb. 35c; lb. \$1.15.

**Purple-top White Globe.** The most popular Turnip for market and table use. Makes large, globe-shaped roots, pure white, with purple top. Oz. 15c; ¼ lb. 35c; lb. \$1.15.

**Seven-top.** The old standard popular salad variety, grown exclusively for this purpose. Oz. 15c; ¼ lb. 25c; lb. 75c.

**Golden Ball.** Oz. 15c; ¼ lb. 35c; lb. \$1.15.

**Rutabaga, Improved American Purple-top.** The finest yellow-fleshed Rutabaga grown. Hardy, sweet, good keeper. Oz. 15c; ¼ lb. 35c; lb. \$1.15.

### Materials Suggested for Control of TOMATO BLIGHT For Spraying

**DUO-COPPER — (53% Met. Copper)** — A tri-basic neutral copper fungicide to be used at the rate of 4 pounds per 100 gallons of spray. Used with or without Lime. It is compatible with DDT, Calcium Arsenate, Arsenate of Lead and Rotenone. DO NOT use Lime when Duo-Copper is combined with Rotenone. Apply first spray when plants are 4 to 6 inches high and before blight occurs. 1-lb. bag 50c; 6-lb. bag \$2.70; 50-lb. bag \$17.50.

## YELLOW TOMATO

**Burpee's Jubilee.** 72 days. Fruits are bright golden orange, deep globe shaped, weigh about 6 ozs. The plants bear over a long season. Pkt. 15c; ¼ oz. 40c; ½ oz. 75c; oz. \$1.40.

**Golden Queen.** Large size, smooth fruits of bright golden yellow. Thick and meaty yellow flesh of excellent flavor and mild acidity. Pkt. 10c; ¼ oz. 50c; oz. 90c; ½ lb. \$2.75.

Used Principally for Preserving

### Small-Fruited Tomato

**Yellow Pear.** Small, yellow, pear-shaped fruits of exceedingly mild and pleasing flavor. Pkt. 10c; ½ oz. 45c; oz. 75c; ¼ lb. \$2.50.

**Yellow Plum.** The size and shape of a plum. Bright lemon-yellow; fine for preserves or salads. Pkt. 10c; ½ oz. 45c; oz. 75c; ¼ lb. \$2.50.



VEGETABLE PLANTING CHART

Richardson's  
Griffith & Turner's  
Wiseman-Downs'

Vegetable	Depth to Cover (inches)	Space Between Rows	SpacetoSet Plants or Thin Out Seedlings	Time Required to Produce Crop Ready for Use	Approximate Yield per 20 ft. of Row	Seed Required to Sow One Acre	Time to Plant in Open Ground	
							South	North
Asparagus	Seeds, 1 in. Plants, 4 in.	3 to 4 ft.	15 in.	Seeds 4 years Plants 2 years	50 bunches of 1 doz. each for entire patch	4 lbs. 6500 plants	Autumn or early spring	Early spring
Beans } Bush	1 in.	2 ft.	4 in.	60 to 90 days	8 qts.	50 lbs.	Late spring	May and June
(Limas, see below) } Pole	1 in.	3 ft.	3 ft.	90 to 120 days	10 qts.	30 to 50 lbs.		
Beet	½ in.	18 in.	2 to 3 in.	60 to 80 days	8 doz. roots	8 lbs.	Feb. to April—Aug. to Sept.	April to Aug.
Broccoli	¼ in.	2½ ft.	24 in.	120 days.	60 heads	4 ozs.	Same as cabbage	
Brussels Sprouts	¼ in.	2½ ft.	24 in.	120 days	20 qts.	4 ozs.	Jan. to July	May and June
Cabbage	¼ in.	2½ ft.	18 to 24 in.	100 to 150 days	10 heads	3 ozs.	Oct. to Dec.—June and July	Mar. to June
Chinese Cabbage	¼ in.	2½ ft.	12 in.	80 to 100 days	20 heads	3 ozs.		
Carrot	⅞ in.	2 ft.	2 to 4 in.	45 to 60 days	5 doz. roots	3 to 4 lbs.	Mar. & Apr.—Sept.	April to June
Cauliflower	¼ in.	2 to 3 ft.	24 in.	120 to 150 days	8 to 10 heads	3 ozs.	Jan. & Feb.—June	April to June
Celery	⅞ in.	3 ft.	6 in.	100 to 120 days	2 doz. stalks	4 ozs.	Aug. and Oct.	May and June
Corn, Sweet	2 in.	3 ft.	12 in.	80 to 120 days	40 ears	8 to 10 lbs.	Feb. to April	May to July
Cucumber	¼ in.	4 ft.	3 to hill	60 to 80 days	60 to 80 pickles	2 lbs.	Feb. & Mar.—Sept.	April to July
Eggplant	⅞ in.	2½ ft.	24 in.	100 to 120 days	30 to 40 fruits	5 to 6 ozs.	Feb. to April	April and May
Endive	⅞ in.	2 ft.	10 to 12 in.	60 to 80 days	30 to 40 plants	4 to 5 lbs.	Feb. to April	April and July
Kale	½ in.	2½ ft.	12 in.	80 to 100 days	20 plants	4 to 5 lbs.	Oct. to Feb.	Aug. to Sept. Mar. and April
Leek	⅞ in.	2 ft.	4 in.	100 days	60 plants	4 lbs.	May to Sept.	Mar. to May
Lettuce	⅞ in.	2 ft.	10 to 12 in.	45 to 60 days	35 heads	3 lbs.	Sept. to Mar.	Mar. to Sept.
Melon, Musk	¼ in.	4 ft.	3 to hill	100 to 120 days	30 fruits	3 to 4 lbs.	Feb. to April	April to June
Beans, } Bush	1 in.	3 ft.	3 to 6 in.	100 days	6 qts.	30 to 50 lbs.	April to Sept.	May 1 to Aug. 10
(Limas) } Pole	1 in.	4 ft.	3 ft.	120 days	8 qts.	25 lb.	April to Sept.	May 1 to Aug. 10
Onions	⅞ in.	18 in.	4 in.	80 to 110 days	80 onions	5 lbs.	Oct. to Mar.	April to May
Onion Sets	1 in.	18 in.	4 in.	60 days	10 to 20 lbs. per row	12 to 15 bu.	Early spring	Autumn—Feb. to May
Peas	2 in.	2½ ft.	1 in.	60 to 100 days	10 to 20 qts. of pods	100 to 120 lbs.	Sept. to April	Mar. to June
Pepper	⅞ in.	3 ft.	2 ft.	100 days	10 doz. peppers	½ to 1 lb.	Early spring	May and June
Potatoes	4 in.	3 ft.	12 in.	100 days	35 to 60 lbs.	10 bu.	Jan. to April	Mar. to June
Potatoes, Sweet	3 in.	3½ ft.	18 in.	5 mos.	1 to 1½ bu.	6,000 plants	April and May	May and June
Pumpkin	½ in.	4 to 6 ft.	3 to hill	100 to 120 days	15 to 20 fruits	3 to 4 lbs.	April and May	May and July
Radish	½ in.	18 in.	1 to 4 in.	30 to 60 days	10 to 15 doz.	10 to 12 lbs.	Sept. to April	Mar. to Sept.
Rhubarb	1 in.	3 ft.	3 ft.	60 days	6 doz. stalks	3 lbs.		Early spring
Rutabaga	⅞ in.	2 ft.	6 in.	90 to 100 days	50 to 60 roots	2 to 4 lbs.	Aug. and Sept.	May and June
Spinach	¼ in.	18 in.	4 in.	60 days	50 to 60 plants	15 to 20 lbs.	Sept. to Feb.	Sept. or very early spring
Spinach, N. Zealand	1 in.	18 in.	3 in.	2 mos.				May and June
Squash	¼ in.	4 to 6 ft.	3 to hill	100 to 120 days	2 doz. fruits, bushvar.	4 to 6 lbs.	Spring	April to July
Swiss Chard	½ in.	2 ft.	12 in.	90 to 100 days	20 plants	4 lbs.	Feb. to Sept.	April to Aug.
Tomato	¼ in.	3 to 4 ft.	3 ft.	100 to 120 days	15 to 20 lbs. per plant during season	2 ozs.	Dec. to Mar.	Late April
Turnip	⅞ in.	2 ft.	4 in.	60 days	60 to 80 roots	2 lbs.	Aug. to Oct.	April to Aug.
Watermelon	½ in.	6 ft.	4 to 6 ft.	3 to 4 mos.	8 to 10 melons	4 lbs.	Feb. to April	April to June

Weight of Agricultural Seed per Bushel, Quantity, Time, and Depth of Sowing

KINDS OF SEED	Lbs. Per Std. Bu.	Rate to Sow lbs. per Acre	TIME TO SOW	Depth to Sow Inches	KINDS OF SEED	Lbs. Per Std. Bu.	Rate to Sow lbs. per Acre	TIME TO SOW	Depth to Sow Inches
Alfalfa—Broadcast.....	60	18 to 22	Spring and ea. Fall...	½ to 1	Millets, Hung., for hay..	48	48	Late May to ea. July..	½ to 1
Alfalfa—Drilled.....	60	12 to 15	Spring and ea. Fall...	½ to 1	Oats.....	32	60 to 80	March, April.....	1 to 1½
Barley, spring.....	48	120 to 150	March, April.....	1 to 1½	Orchard Grass for hay..	14	21 to 28	Ea. Spring-Fall.....	½ to 1
Barley, winter.....	48	120 to 150	Aug. to Oct.....	1 to 1½	Peas, Austrian winter..	60	30 to 35	Aug., Sept., Oct.....	2
Bermuda Grass.....	40	4 to 6	March to May.....	½	Peas, Canada Field (broadcast).....	60	120 to 150	Early Spring.....	1 to 2
Blue Grass, Ky., for lwn.	14	125	Ea. Spring, Ea. Sept..	½	Peas, Cow, broadcast...	60	75 to 90	May or June.....	1 to 2
Blue Grass, Ky., for past	14	20 to 30	Ea. Spring, Ea. Sept..	½	Peas, Cow, drilled.....	60	25	May or June.....	1 to 2
Broom Corn.....	48	5 to 8	April, May.....	1 to 1½	Rape, broadcast.....	50	5 to 8	Ea. May to late July..	½ to 1½
Buckwheat.....	52	50 to 60	Late Spring.....	1 to 1½	Rape, drilled.....	50	4 to 5	Ea. May to late July..	½ to 1½
Clover, Alsike.....	60	4 to 5	Winter to April.....	½ to 1	Red Top, Fancy.....	32	8 to 10	April or ea. Sept.....	½
Clover, Crimson.....	60	12 to 15	July to Oct.....	½ to 1	Rye, Grain.....	56	84 to 112	Sept. to Nov.....	1 to 1½
Clover, Mammoth Sap.	60	6 to 10	Winter, early April...	½ to 1	Rye, Grass.....	24	28 to 35	April or ea. Sept.....	½
Clover, Red.....	60	6 to 10	Winter, early April...	½ to 1	Sorghum Forage, broad.	50	40 to 50	May, June.....	1 to 1½
Clover, Sweet, white or yellow.....	60	12 to 15	Ea. Spg., Aug., Sept...	½ to 1	Sorghum Forage, drilled	50	8 to 10	May, June.....	1 to 1½
Clover, White Dutch...	60	6 to 8	March to April.....	½ to 1	Soy Beans, broadcast...	60	75 to 120	May, June.....	1 to 2
Crotalaria.....	40	12 to 15	April, May, June.....	½	Soy Beans, drilled.....	60	25	May, June.....	1 to 2
Fescue, Meadow.....	24	20 to 30	Ea. Spg., Aug.-Sept...	½	Sudan Grass, broadcast.	40	20 to 30	Late May to ea. July..	½ to 1
Fescue, other varieties..	14	28 to 35	Ea. Spg., Aug.-Sept...	½	Sudan Grass, drilled...	40	10 to 15	Late May to ea. July..	½ to 1
Lespedeza — Common.	25	25-30	Ea. Spg. after frost...	1 to 2	Sunflower.....	32	6 to 8	May.....	1 to 2
Lespedeza—Kobe.....	25	20-25	Ea. Spg. after frost...	1 to 2	Timothy.....	45	8 to 10	Spring and Fall.....	½
Lespedeza—Korean.....	25	20-25	Ea. Spg. after frost...	1 to 2	Vetch, Winter or Hairy.	60	40 to 60	June to Sept.....	1 to 2
Lespedeza Sericea (hld.)	60	25 to 30	Early Spring.....	1 to 2	Vetch, Spring.....	60	40 to 60	March or April.....	1 to 2
Millets—for hay.....	50	30	Late May to ea. July..	½ to 1	Wheat, Winter.....	60	75 to 90	Sept. to Nov.....	1 to 1½



## CLOVERS, PASTURE MIXTURES, MISCELLANEOUS FARM SEEDS

Prices on all Field Seeds are subject to fluctuations. We will be glad to quote you firm prices on request. Orders entrusted to us will be filled at the lowest price of the day received.

### RE-CLEANED CLOVERS

Clovers weigh 60 pounds per bushel

**Alfalfa or Lucerne** (*Medicago sativa*). Northwestern-grown seed. Sow during April and May, August and September, 25 pounds per acre, preferably with no other crop.

**Alfalfa, Grimm.** An extremely hardy variety, less apt to winter-kill than older sorts. A heavy yielder and of deep-rooting habit. It requires about 15 to 20 pounds to properly seed an acre.

**Alsike, or Swedish Clover** (*Trifolium hybridum*). One of the hardiest and most tolerant of adverse soil conditions. Grows from 1 to 2 feet high. Sow early in the spring or early autumn, mixed with timothy, or 10 pounds per acre if alone.

**Crimson Clover** (*Trifolium incarnatum*). Used principally for soiling or green manuring. It is not hardy for more than one season. Height 1 to 2 feet. Sow any time from June to October, 20 pounds to the acre.

**Mammoth, or Sapling Red Clover** (*Trifolium pratense perenne*). This differs from the Medium, being of a ranker growth. Sow early in spring or in July and August using 6 pounds per acre.

**Medium Red Clover** (*Trifolium pratense*). Excellent for hay purposes, usually yielding two crops each year. Sow early in the spring or in late summer—July and August. 6 pounds per acre.

**Lespedeza Sericea—Perennial.** Adapted to any type of soil, wonderfully resistant to drought, large yielding hay crops, good pasture, and a fine soil improver. Like alfalfa, it requires one year to get set, but after the first year it will produce two to four tons of field cured hay per acre annually. Actual feeding trials have proved that Lespedeza Sericea hay is equal to that of alfalfa. Hulled seed sow 20 pounds per acre. **Lb. 45c; 10 lbs. \$4.00.**

**Lespedeza. Japan Clover.** A substitute for alfalfa on poor land. Sow in spring, after frost, at the rate of 25 to 35 pounds per acre. Weighs 25 pounds per bushel. **Lb. 20c.**

**White Blossom Sweet or Bokhara Clover** (*Melilotus alba*). Used either as a feed-crop or as green manure, to plow under. Grows from 3 to 5 feet high and thrives on almost any kind of soil. Sow 15 pounds per acre during spring and fall.

**Landino Clover.** The Wonder Pasture Clover. It is known as the giant white clover—a perennial lasting from four to eight years. It is not a particularly deep rooted plant, making its best growth where there is a fairly constant, but not excessive moisture supply in the surface and subsurface soil. As is the case with all clovers, largest growth is obtained on fertile and deep soils that are well supplied with lime, phosphate, humus and moisture. Seed 3 to 4 pounds per acre. **Lb. \$2.75; 10 lbs. \$27.00.**

**White Dutch Clover** (*Trifolium repens*). For Lawns and Pasture. Choice re-cleaned seed. Sow 5 lbs. per acre.  $\frac{1}{4}$  lb. 35c;  $\frac{1}{2}$  lb. 70c; \$1.25 per lb.; 5 lbs. \$6.00.



### VETCH, WINTER

**Sand, Winter, or Hairy Vetch** (*Vicia villosa*). Thrives on poor arid, sandy soils. It may be sown either in fall or in spring, mixed with rye, for a support. Grows 3 to 4 feet high and can be cut as soon as the bloom appears and again for the seed. Perfectly hardy. Sow 50 pounds to the acre.

### MILLET, GOLDEN

Can be sown as late as July 15th and yields a tremendous crop. **Lb. 15c; Pk., \$1.50; bu. \$5.50.**

### OATS

**Swedish Type White and Fulghum.** Sow  $1\frac{1}{2}$  to  $2\frac{1}{2}$  bus. per acre. Price on application.

### ORCHARD GRASS

(*Dactylis glomerata*). For early pasturing this is very desirable; also fine for sowing in shaded places. **Lb. 35c; 10 lbs. \$3.00.**

### RAPE

**Dwarf Essex.** This can be pastured 8 weeks after sowing. It must be sown in succession, as the stock eats it close to the ground and it will not stand pasturing any great length of time. Sow 6 pounds per acre broadcast, from April 1 to October 1. **Lb. 25c; 10 lbs. \$2.25**  
**Seed Rye and Wheat Prices** on application.

### SUDAN GRASS

An annual, and must be sown each year. Will yield from 2 to 4 tons per acre. Sow in drills, or broadcast, 16 to 24 pounds per acre. Several cuttings can be made from a sowing in one season. Thrives well in a season of drought. 35 pounds per bushel. **Lb. 20c; 100 Lbs. \$15.00.**

### PERMANENT PASTURE MIXTURES

For Upland or Lowland

Please state whether you want a mixture for upland or low ground. Use 40 to 60 lbs. per acre. **Per lb. 50c; 25 lbs. \$11.25; 100 lbs. \$40.00.**

### MISCELLANEOUS GRASSES

**Alta Fescue.** An improved strain of tall fescue, and is closely related to Meadow Fescue, but is longer lived and a better forage producer. Alta Fescue has been used to excellent advantage in the Eastern and Southern States, having a wider adaptation than many other grasses. Sow 15 to 20 lbs. per acre alone, or in mixture with other plants about 5 lbs. per acre. **Lb. 70c; 10 Lbs. \$6.50.**

**Blue Grass, Kentucky, Fancy Recleaned** (*Poa pratensis*). Rated as one of the best permanent grasses, especially useful for lawns and meadows. **Lb. 85c; 10 lbs. \$8.25.**

**Creeping Bent Grass** (*Agrostis stolonifera*). An excellent variety for lawns, succeeding well in moist situations and producing a dwarf, velvety growth. **Lb. \$1.25.**

**Fescue, Red or Creeping** (*Festuca rubra*). An excellent bottom grass, forming a close and lasting turf. It resists extreme drought and thrives on very inferior soils. **Lb. 85c; 10 lbs. \$8.25.**

**Red-Top, Fancy Recleaned.** This grade of seed is entirely free from chaff. For pasture, sow 15 pounds; for lawns, 25 pounds per acre. **Lb. 85c; 10 lbs. \$8.25.**

**Rye Grass, English Perennial** (*Lolium perenne*). A nutritious permanent grass for meadows and pastures, or for mixing with other grasses for lawns. **Lb. 35c; 10 lbs. \$3.00.**

**Rye Grass, Domestic.** A valuable grass when quick results are required. **Lb. 25c; 10 lbs. \$2.25.**

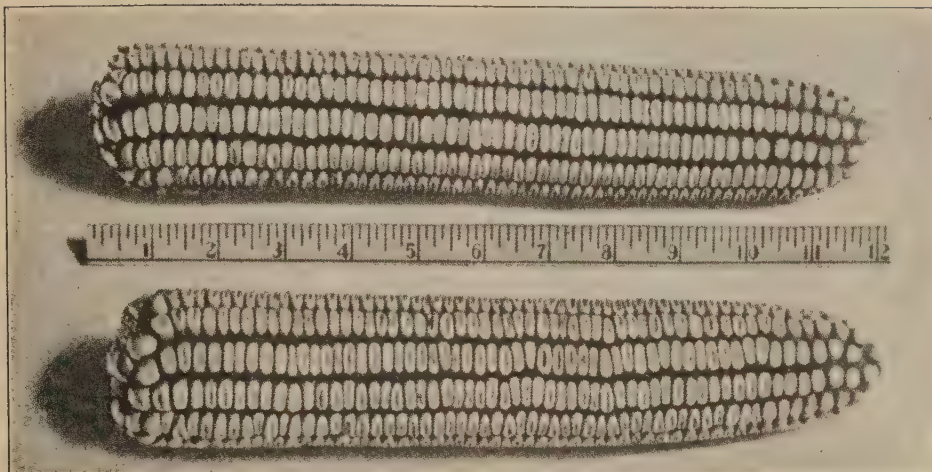
**Timothy** (*Pbleum pratense*). A grass of high value for hay and pastures. **Lb. 30c; 10 lbs. \$2.75.**

Please Note—All Prices on This Page F.O.B. Baltimore and Subject to Change Without Notice



# FIELD CORN

Richardson's  
Griffith & Turner's  
Wiseman-Downs'



## BUCKWHEAT

Plant from June 1 to July 15, 1 bushel broadcast to the acre. Lb. 15c; bushel of 48 lbs. \$4.50.

## BARLEY

**Bearded Winter.** Needs a rich land and lighter than that adapted to wheat. It should be cut before fully ripe, if for hay, as it is then of better quality, and less liable to shell. Sow  $1\frac{1}{2}$  to 2 bushels if drilled; 2 to  $2\frac{1}{2}$  bushels broadcast. Bu. of 48 lbs. \$3.25.

## COWPEAS

One of the best, largest-yielding, and moist nutritious of farm crops. They provide the most inexpensive method of bringing soil back to fertility, as they grow in the poorest kind of soil, leaving it rich in ammonia. Brown Whippoorwills or mixed, write for prices.

## SOY BEANS

This valuable plant enriches the ground by the free nitrogen gathered from the air, which is deposited in the ground by the roots. Fodder is relished either green or dry by cattle. **Black Wilson.** An early-maturing (120 days) and the best all-round variety, being a heavy seed-yielder and producing high quality hay. **Mammoth Yellow.** Late. Heavy yielder.

## OPEN POLLINATED SEED CORN

**Boone County White.** 125 days.  
**Eureka Ensilage White.** 100 days.  
**Lancaster Surecrop Yellow.** 90 days.  
**Reid's Yellow Dent.** 110 days.  
All Open Pollinated Seed Corn, pk. \$1.50;  $\frac{1}{2}$  bu. \$2.50; bu. \$4.50 F.O.B. Baltimore, unless otherwise noted.

Add Postage on Field Corn

## Sweet Potatoes

We can supply all the Leading Varieties in Season or from March 15 to April 15.

### Sweet Potato Plants—

#### All Kinds

#### READY ABOUT MAY 1st

To prevent disease and to grow bumper crops of Potatoes, dip the tubers in "SEMESAN-BEL." One pound will treat 60 to 80 bushels.

For blight on potatoes use Bordeaux Mixture. For potato bugs, use Arsenate of Lead, Arsenate of Zinc or Paris Green.

## STANLEY'S

### Crow Repellent

—It protects your corn plantings by keeping off crows, larks, blackbirds and other corn-pulling birds, as well as moles, woodchucks, squirrels, etc. Does not clog the planter; protects the corn from rotting. Not poisonous and will not injure the seed. By mail postpaid,  $\frac{1}{4}$  pint (enough for 1 bushel corn) 70c; pint \$1.15; quart \$2.00. Not postpaid,  $\frac{1}{4}$  pint 60c; pint \$1.00; quart \$1.75.



## HYBRID SEED CORNS

- 15% to 30% Higher Yield! Deeper Roots!
- Drought and Wind Resistant! Storm Resistant!
- Increased Stalk Strength! Greater Uniformity!

**Hybrid Early Yellow Dent.** (100 days). Grows tall. 2 medium sized ears, 14-16 rows of medium deep grain. Very good root system and strong stalk. Our best medium late hybrid for West Virginia, Eastern Pennsylvania, New Jersey and Maryland. The hybrid corn's resistance to wind storms is its outstanding quality.

**U. S. 13, Yellow.** (115 days). Large ears, high yield. Tall, strong stalks. Same adaptation as U. S. 44.

**Kentucky 203 White Ensilage.**  
**Illinois 448 Yellow Hybrid Ensilage Corn.** (120 days). An excellent variety, heavy producer.

All Above Hybrid Field Corn, pk. \$2.50;  $\frac{1}{2}$  bu. \$4.50; bu. \$8.50, F.O.B. Baltimore.

## BROOM CORN. Lb. 50c.

## SEED POTATOES

### Maine-Grown

**CULTURE**—Potatoes do particularly well on sod ground or pasture land, where the turf has been freshly turned. Tubers are usually cut into two-eyed pieces; plant in April in furrows of good depth about 3 feet apart. Scatter a liberal quantity of manure or fertilizer along the drill, and set the seed from 10 inches to a foot apart in the row. Cover with 4 inches of soil, and cultivate frequently after the plants are up. Plant late crop July 1st to August 1st. Eight to 10 bushels will plant an acre.

We can supply the two new varieties of Potatoes: **Chip-pewa** for early, and **Katahdin** for later. Both varieties have unusual merits, and were originated by U. S. Dept. of Agriculture. Write for prices.

We are not quoting prices in our catalog. When ready to plant, write us, and we will then quote you the very lowest prices consistent with the quality of our seed stock.

**Dakota Red (Jersey Red).** Late. Dry and mealy. Skin is red; flesh pure white.

**Green Mountain.** A very popular main-crop Potato.

**Irish Cobbler.** Round to oval with smooth skin and pure white flesh. Early and very popular.

**Red Bliss Triumph (Improved Red Bermuda).** One of the earliest varieties. Great productiveness, handsome color, and resistant to disease.

Inoculate all Legume Seeds with

## NITRAGIN

1898—FIFTY-ONE YEARS OF SERVICE—1949

When ordering, Always state name of seed

### ALFALFA (A)

Swt., Bur, Hubam Clovers  
Size Retail  
1 bu. each....\$ .50  
 $2\frac{1}{2}$  bu. each.... 1.00

### CLOVERS (B)

Red, Alsike, Crimson,  
White and Ladino.  
1 bu. each....\$ .50  
 $2\frac{1}{2}$  bu. each.... 1.00

### LESPEDEZA (L)

100 lb. size (Inoculates  
up to 100 lbs.) ..\$ .50

### PEAS,

### (C)

**VETCHES (All Varieties)**  
100 lb. size (Inoculates  
up to 100 lbs.) ea. \$ .50

### LUPINES (All Varieties)

100 lb. Size (Inoculates up to 100 lbs. seed) ea. \$ .50

**GARDEN SIZE**—Peas, Beans, Sweet Peas, Lupines,  
Lima Beans and Edible Soybeans  
Enough for 8 lbs. seed — Retail Price 15c each

### SOYBEANS (S)

Size Retail  
2 bu. each.....\$ .30  
5 bu. each..... .50  
25 bu. each..... 2.25  
(One can)  
30 bu. each..... 2.95  
(6-5 bu. cans)

### BEANS (D)

Navy, Pinto, Wax,  
String, Kidney and  
Great Northern  
1 bu. each.....\$ .35

### PEANUTS, COW PEAS (E)

2 bu. each.....\$ .30  
5 bu. each..... .50  
30 bu. .... 2.95  
(6-5 bu. cans)

ALL PRICES F.O.B. BALTIMORE—SUBJECT TO CHANGE WITHOUT NOTICE



## Destroy POISON IVY With AMMATE WEED KILLER

2 lbs. diluted treats 200 sq. ft.

	Each
2-lb. Bottle .....	\$ .85
6-lb. Bottle .....	2.25
50-lb. Drum .....	13.00
350-lb. Drum .....	70.00

**Ant Bait (Magi-Kil Jelly).** Kills ants in the nest. Garden size, enough to kill several colonies of moderate size indoors or out, 40c. Estate size, \$1.00.

**Arsenate of Lead.** For use against insects that chew and for such insects as the fruit-flies that lap and suck up sweetened liquids. 1 to 1½ lbs. to 50 gallons of water. 1-lb. can 50c; 4-lb. pkg. \$1.60. Write for prices in quantity.

**Barsprout.** By simply dusting this harmless chemical on potatoes they remain sprout-free and farm-fresh. 1 lb. treats 11 bu. potatoes. 12-oz. sifter can \$1.00; 5-lb. can \$5.50; 20-lb. drum \$16.00; 100-lb. drum \$70.00.

**Black-Leaf 40.** Nicotine Sulphate—40 per cent Nicotine. It destroys soft-bodied sucking insects without injury to the foliage. 1 oz. makes 6 gals. of spray. Oz. 35c; 5 ozs. \$1.05; lb. \$2.40; 2 lbs. \$4.15; 5 lbs. \$7.90; 10 lbs. \$13.75.

**Bluestone (Copper Sulphate).** Lb. 25c; 5 lbs. \$1.00; 10 lbs. \$1.75.

**Bordeaux Mixture.** The standard remedy for fungous diseases. 1 lb. makes 8 gals. of spray. Lb. can 35c; 4 lbs. \$1.00. Write for prices. in quantity.

**Calcium Arsenate.** A quick-acting, inexpensive poison for leaf-eating insects. Lb. can 25c; 4 lbs. 75c. Write for prices in quantity.

**Ceresan (New Improved).** Dust disinfectant to control certain diseases carried on grain seed and narcissus 4 oz. 35c; lb. 90c; 4 lbs. \$3.00; 40 lbs. \$26.40; 100-lb. drum \$61.05.

**Corn Ear Worm Drops.** Assures clean, worm-free corn. 2-oz. bottle (with applicator) 35c.

**Crow Repellent (Stanley's).** Qt. can (treats 4 bu. shelled corn) \$1.75; pt. can (treats 2 bu. shelled corn) \$1.00; ½-pt. can (treats 1 bu. shelled corn) 80c.

**Cyanogas Ant Killer.** 4-oz. spouted tin for treating ant nests in lawns and garden. 35c.

**Cyanogas (A-Dust).** For killing the following pests: rats, field mice, moles, woodchucks, soil insects, etc. 1 lb. 98c; 5 lbs. \$3.75; 25-lb. pail \$12.50; 100-lb. drum \$30.00.

**Cyanogas Foot Pump,** \$11.00.

**Cyanogas (G-Fumigant).** The positive fumigant for greenhouses, mushroom houses, warehouses, flour mills, etc. 5 lbs. \$3.75; 25 lbs. \$12.50; 100 lbs. \$30.00.

**Copper Lime Dust (20-60-20).** Arsenate, Copper, Lime. 5-lb. pkg. 75c; 50-lb. bag \$5.00.

### D-X SPRAY

#### Rotenone-Pyrethrum-DDT

D-X SPRAY contains more rotenone and pyrethrum than pre-war D-X—a most successful spray—in addition it contains 5% DDT. We have found it to be one of the most potent contact insecticides we have ever used in the garden and orchard. For garden use 2 teaspoonfuls to 1 gal. water. For orchard use 1½ pts. to 100 gals. water.

1½ oz. ...	.50	Qt. ...	\$ 5.25
½ pt. ...	1.75	Gal. ...	13.50
5 Gallon ....	\$55.00		

## INSECTICIDES AND FUNGICIDES



**Fruitone** prevents premature drop of apples and pears. Spray the fruit about ten days to two weeks before picking. 2½ oz. packet 25c; 2 oz. can \$1.00; 12 oz. can \$5.00.

**"Dogzoff."** It is an efficient animal repellent and one spraying will last from 3 to 4 weeks. Not offensive to humans. 3-oz. bottle 60c.

**Fermate. (Fungicide).** A Dupont Product. For control of certain plant diseases, used extensively on tobacco to control "BLUE MOLD" in seed beds, at the rate of 1 pound to 50 gallons of water. 3 lb. pkg. \$2.55; 25 lb. Keg \$18.75.

**Fish-Oil Soap.** Good for scale, caterpillars, and lice. 3 ozs. make 1 gal. of spray. Lb. 40c; 5 lbs. \$1.40.

**Garden Dust—DuPont's.** 8-oz. Dust Gun 79c; 1-lb. Sifter can \$1.15; 4-lb. can \$3.50.

**Grafting Wax.** ¼ lb. 30c; ½ lb. 45c; 1 lb. 70c.

### JAPIDEMIC

#### Milky Disease Spore Dust for Control of Japanese Beetle

Can be used any season of the year. Apply one level teaspoonful at five-foot intervals in rows 5 feet apart on top of the ground. One pound treats four thousand square feet; 10½ lbs. treats one acre. Price ½ lb., \$2.50; 1 lb., \$4.50, F.O.B. Baltimore.

**Lime-Sulphur Solution.** A dormant spray for San Jose scale. 1 gal. makes 10 gals. of spray. Qt. 50c; gal. \$1.00; 5 gals. \$3.50. Write for prices in drum lots.

**Lime-Sulphur, Dry.** 12 to 14 lbs. will make 50 gals. of spray. 1-lb. can 45c; 5-lb. can \$1.60; 12½-lb. bags \$2.00. Write for prices in quantity.

**Loro.** Kills red spider, mealy bug, thrips, midge, white fly and aphids. Pt. \$2.00; gal. \$11.50.

**Mologen.** A non-poisonous material that will eliminate moles from your lawn in several days. ¼ lb. 50c; 1½ lbs. \$1.25; 5 lbs. \$4.00.

**Nico-Fume Powder Pressure Fumigator.** ¼ lb. 45c; lb. 75c.

**Para-Dichlorobenzene.** Lb. 45c; 5 lbs. \$2.00.

**Paris Green.** ¼ lb. 20c; 1 lb. 60c; 5-lb. pkg. \$2.75.

### PARA-SCALECIDE

For Use Against The Peach Tree Borer

Dilute 1 gallon Para-Scalecide with 7 gallons of water. Apply with a dipper directly to the trunk.

Use ½ pint of dilute Para-Scalecide on 1 and 2 year old trees; 1 pint on 3 and 4 year old trees; and 1½ pints on older trees. Large old trees may require more to circle entire tree.

One gallon Para-Scalecide treats approximately: 128—1 and 2 year old trees; 64—3 and 4 year old trees; and 42 older trees. Qt. \$1.25; gal. \$2.90; 5 gal. \$9.10.

**Pyrox with Nicotine.** Fungicide also kills sucking insects. 20-oz. jar 60c; 5 lbs. \$2.25; 25 lbs. \$7.00.

### PESTEX

A POSITIVE REPELLENT of RABBITS, MOLES, RODENTS, BIRDS, and other DESTRUCTIVE PESTS  
Lb. 50c; 10 lbs. \$4.00.

### RAT EXTERMINATORS

**Dr. Hess Anturat.** A tasteless powder to mix with or dust on 20 times as much bait. Active ingredient Antu. Safe around livestock and pets if distributed properly. Can be dusted down rat burrows as a tracking poison. The 4-oz. package is enough to kill 500 rats. 1½-oz. pkg. 65c; 4-oz. pkg. \$1.50; 8-oz. pkg. \$2.50.

**Mouse Seed.** A very popular and effective exterminator. Pkg. 25c.

**Pastoxine.** A product of Pasteur Laboratories. Non-poisonous to man, domestic animals, or poultry. Develops symptoms in rats and mice that bring them into the open to die. Pkg. (enough to kill 100 rats) 60c; large size (will kill 2,000 rats) \$5.00.

**K-R-O for Rats.** Ready mixed. A very good non-poisonous rat exterminator. 35c.

**Rootone.** Improves rooting of cuttings, seeds and bulbs, makes heavier grass turf, causes faster germination of seeds, increases plant growth and reduces wilt. ¼-oz. pkt. 25c; 2-oz. jar \$1.00; 1-lb. can \$5.00.

**Rose Dust—DuPont's.** 8-oz. Dust Gun 65c; 1-lb. Sifter can \$1.00; 4-lb. can \$3.00.

### MILLER'S DDT PRODUCTS

#### DDT LIQUID 30%

Excellent for spraying many agricultural crops. Widely known for control of Jap Beetle. Ideal for spraying farm buildings to control flies. Pt. 90c; qt. \$1.60; gal. \$5.00; 5 gals. \$25.00; 30 gals. \$100.00.

#### 50% DDT WETTABLE POWDER

For agricultural, fruit and barn spray. 1 lb. 75c; 4-lb. pkg. \$2.25; 50 lb. bag \$20.00.

#### DDT POTATO & GARDEN DUST

(3% DDT, 7% Met. Cop.)

A superior mixture of micronized DDT and tri-basic copper thoroughly blended to control fungus diseases such as blight on Tomatoes and Potatoes and to kill insects such as Leaf Hopper, Flea Beetle, Colorado Beetle. This is the ideal dual purpose dust. Usually applied at the rate of 40 pounds per acre—2 pounds for the average garden for one application. 1 lb. 40c; 2 lb. 60c; 5 lbs. \$1.00; 50 lbs. \$6.00.

#### DDT HOUSEHOLD SPRAY

5% DDT

Requires about 1 quart to treat 250 sq. ft. of surface. Qt. 60c; gal. \$1.35; 5 gals. \$5.00; 30 gals. \$27.00.

### ROTENONE DUST

**Miller's V-33 Rotenone Dust.** Kills garden insects—Aphis, Bean Beetle, Cabbage Worm, Cucumber Beetle and other pests. Harmless to humans. Does not injure plants. 1-lb. pkg. 35c; 5-lb. pkg. \$1.00; 50-lb. pkg. \$5.50.

**Rotenone Dust, .075%.** 1 lb. 40c; 5 lbs. \$1.25; 50 lbs. \$6.50.



# INSECTICIDES AND FUNGICIDES

**Semesan.** For bulbs, roots, flower, and vegetable seeds. Disinfects seed against many diseases and helps prevent rotting and damping-off. Also effective in controlling brown patch. One oz. treats 15 lbs. of seed. 1/3 oz. 20c; 2 ozs. 45c; 12 ozs. \$2.10; 4 lbs. \$10.10; 25 lbs. \$58.28; 100 lbs. \$219.80.

**Semesan Bel.** For seed potatoes. Controls such seed-borne disease organisms as scab, rhizoctonia, and black-leg. Increases standard yield. One lb. treats 60 to 80 bus. 2 ozs. 35c; lb. \$1.83; 4 lbs. \$6.33; 40-lb drum \$59.00.

**New Improved Semesan Jr.** For seed corn. A protection against many seedborne infections, from rotting in the ground, and makes earlier planting possible. One lb. treats 8 bus. 1 1/2 oz. 17c; 12 ozs. 62c; 25 lbs. \$13.85.

**Spray Catalizer "Spreader."** A safener, spreader and sticker. It safens spray solutions containing arsenate of lead and sulfur and prevents the immediate formation of lead sulphide (black sludge). It improves the spreading and sticking properties of spray solutions. It is used in place of calcium caseinate when using arsenate of lead and lime sulfur, and is essential in Sulfocide and arsenate of lead combinations. Use 1 to 2 lbs. per 100 gallons with other sprays. 2-lb. pkg. 75c; 50-lb. bag \$13.50.

**Slug Shot (Hammonds Improved).** Lb. 40c; 5 lbs. \$1.65.

**Scalecide.** A spray for scale. Dilute 1 gallon to 15 gallons of water. Qt. \$1.00; gal. \$2.40; 5 gals. \$8.10; 15 gals. \$19.00; 30 gal. drum \$30.50; 55 gal. drum \$45.00.

**Sulfocide.** A fungicide to control mildew, brown rot and other fungous diseases on fruits and vegetables. Ft. \$1.00; qt. \$1.45; gal. \$3.00.

**Sulphur.** (Powdered—325 mesh). Lb. 15c; 5 lbs. 50c; 10 lbs. 75c; 25 lbs. \$1.50; 100-lb. bag \$5.50.

**Sulphur Wettable "Hytox".** Lb. 30c; 6-lb. bag \$1.00; 50-lb. bag \$3.75.

**Tersan.** Widely used for preventing and controlling brown-patch in lawns and golf greens. One pound treats from 3,000 to 6,000 square feet. 25 lbs. \$30.00; 100 lbs. \$115.00.

**Transplantone.** Contains Vitamin B<sub>1</sub> plus plant hormones. Promotes quick, vigorous root growth. 1/2 oz. 25c; 3 ozs. \$1.00; lb. \$4.00. One ounce makes 10 gallons of Transplantone solution.

**Tree Wound Paint.** A very adherent and lasting antiseptic dressing for sealing and waterproofing tree wounds. 1/2 pt. 65c; pt. \$1.20; qt. \$2.10; gal. \$6.50.

## TRIOGEN

A triple-acting spray controlling black-spot, mildew, blight, sucking and chewing insects on roses. Remains as a protection on foliage for a long time.

**Economy Kit.** \$1.35.

**Small Kit.** (Sufficient for 25 roses for season.) \$2.25.

**Medium Kit.** (Sufficient for 75 roses for season.) \$6.00.

**Large Kit.** (Sufficient for 150 roses for season.) \$9.00.

**Estate Kit.** (Sufficient for 500 roses for season.) \$30.00.

## TRI-GEN DUST

1 lb. 85c; 5 lbs. \$3.50.

**Volck, Nursery and Garden Spray.** Effective and powerful for ornamental and flowering plants. Controls red spider, aphid, scale, mealy bug, thrips, caterpillars, etc. Odorless and colorless. Makes foliage glossy and glistening after using. 4 ozs. 35c; 16 ozs. 70c; gal. \$2.85; 5 gals. \$9.95; 28 gals. \$36.00.

**Water Glass.** For preserving eggs. Qt. 60c; gal. \$1.70.

## WEED, DUST, AND ICE CONTROL

**Weedone.** The new internal weed killer. Kills Poison Ivy, Poison Oak, Bindweed, Honeysuckle, Dandelion, other noxious weeds. Sprayed on leaves, it travels down and kills right out to the root tips. Sprayed on lawns, it kills dandelions and other weeds without hurting the grass. Non-corrosive, safe for humans and animals. Just mix with water and spray. 6-oz. bottle, covers 500 sq. ft. \$0.75 1-qt. can, covers 2,500 sq. ft. \$2.50 1-gal. can, covers 10,000 sq. ft. \$6.50 5-gal. can, per gal. \$4.25 54-gal. drum, per gal. \$4.00



## WEEDUST

**Weedust,** the 2,4-D weed-killer in dry, powder form. Just dust each weed directly from the ready-to-use can. No measuring, no mixing. Ideal for destroying those "here and there" weeds; just the thing for the man whose problem does not require a sprayer. **Large can 75c.** Enough to kill 1000 weeds.

**Kill-Weed.** For the destruction of grass, weeds, vines, bushes, poison ivy, etc., on roads and places vegetation is not desired. One gallon makes from 30 to 40 gallons mixed with water. Qt. 70c; gal. \$2.00; 5 gals. \$9.00; 30 gal. drum \$31.00; 55 gal. drum \$56.25. Write for prices on larger quantities.

## 2.4D POWDER WEED KILLER

2 Pounds in 100 gallon of water per acre. 1-lb. bot. \$1.80; 4-lb. bot. \$6.00; 50-lb. drum \$1.25 per lb.

## ZOTOX

Not only kills the Crab Grass plants, but also destroys the germination of the seeds. 16-ounce size makes 10 gallon and treats 2,000 square feet.

8-oz. bot. \$1.00 32-oz. bot. \$2.50  
16-oz. bot. 1.50 5-lb. bot. 4.50

**Calcium Chloride.** Lays dust and controls weeds on roads, tennis-courts, etc. Also melts ice many times faster than salt. For dust, use 2 lbs. per sq. yd. 100 lbs. \$4.50. Write for prices in quantity.

**Materials Suggested for Control of**

## TOMATO BLIGHT

7% "Duo Copper Dust"

Apply at rate of 40 to 50 lbs. per acre at seven-day intervals. 5-lb. bags, \$1.00; 50-lb. bags, \$5.00; 100-lbs., \$8.50; 500 to 1,000 lbs., per cwt., \$8.00; Ton lots, per cwt., \$7.75.

**PRICES F.O.B. BALTIMORE**  
Subject to Change Without Notice

# HY-GRO

## SOLUBLE PLANT FOOD

Use to properly feed lawns, when transplanting seedlings, to feed established plants, and when planting seeds... immediately available to the plants.

**TRIAL SIZE** ..... 3 oz. .... \$0.30

**TRIAL SIZE** ..... 20 oz. .... 1.00

**2-POUND SIZE** ..... 1.50

**ECONOMY SIZE** ..... 10 lbs. .... 4.00

10 pound size effectively feeds 4000 square feet of growing surface.

**HY-GRO SPRAYER, Quart Size** ..... \$1.60



## RED ARROW Garden Spray

Kills many varieties of sucking and chewing insects. Safe, easy to use, leaves no harmful residue on food plants.

**TRIAL SIZE** ..... 1 oz. .... \$0.35

**ECONOMY SIZE** ..... 4 oz. .... 1.00

**PINT SIZE** ..... 2.85

**QUART SIZE** ..... 5.00

**LARGER SIZES ON REQUEST**

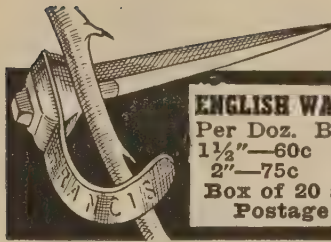
Manufacturers of famous Red Arrow 3/4% Rotenone Dust. Available in the following sizes: 2 lbs.; 5 lbs.; and up to carload quantities.

**McCORMICK & CO., INC., Baltimore 2, Md.**



# GARDEN SUPPLIES

## TRAIN-ETTS



**ENGLISH WALL NAILS**  
Per Doz. Box of 100  
1½"—60c \$4.00  
2"—75c \$5.50  
Box of 20 asst. 90c.  
Postage Extra



**FLOWER BED GUARD**  
16" per ft. 15c; 22" per ft. 17c  
**TRELLIS WIRE**  
For climbing roses and vines.  
18" wide, per ft. 18c



**NEW!  
DIFFERENT!**

### Weatherized Trellis Netting

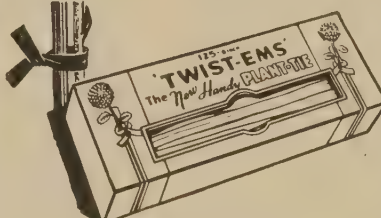
Ideal Support for Sweet Peas, Garden Peas, Pole Beans, Cucumbers, Tomatoes Hung with ease in 5 minutes; no fuss or bother.  
No. 3—60 x 180 in. ....\$1.25 Postpaid

**Help** YOUR FLOWERS HOLD UP THEIR HEADS with **PATENTED METAL PLANT PROPS**

All heights shown are overall. Deduct 4" from 16 size and 6" from all other sizes for net height.

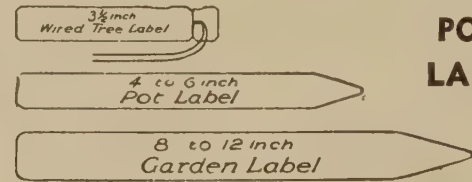
BAKED GREEN ENAMEL FINISH

66" 42" 30" 16"



**"TWIST-EMS"**  
"Twist - Ems" are dark green, strong tape, with wire reinforcements that make a perfect plant tie with a twist of the wrist. Pkg. of 125, 8 in., 35c; Postpaid 45c. Pkg. of 125, 16 in., 65c; Postpaid 75c.

**Utility "Twist-Ems"**  
for Vegetable Growers, Nurserymen and Florists  
12 in.—pkg. of 250....\$1.00  
Per 1000 ..... 3.75  
16 in.—pkg. of 250.... 1.25  
Per 1000 ..... 4.85



### POT AND TREE LABELS (Painted)

Width	100	Wt. per 100	1000	Wt. per 1000
4x 5/8 in. ....	\$0.35	(1 1/2 lb.)	\$ 3.00	( 3 lbs.)
5x 5/8 in. ....	.40	(1 1/2 lb.)	3.30	( 4 lbs.)
6x 5/8 in. ....	.45	(3/4 lb.)	3.65	( 5 lbs.)
10x 5/8 in. ....	.75	(3/4 lb.)	6.70	(10 lbs.)
8x 7/8 in. ....	.90	(2 lbs.)	7.90	( 9 lbs.)
10x 7/8 in. ....	1.00	(2 lbs.)	9.00	(10 lbs.)
12x 1 1/8 in. ....	1.65	(2 lbs.)	15.00	(12 lbs.)

### TREE LABELS (Painted)

3 1/2 in., painted, copper wired. Per 100, 45c; per 1000, \$3.80



### BAMBOO PLANT STAKES

Light Plant Stakes. Dyed Green. For greenhouse work and small outdoor plants.

	Doz.	100	1000
2 ft. ....	\$0.25	\$1.25	\$10.00
3 ft. ....	.30	1.50	12.50
4 ft. ....	.35	1.75	17.00

Heavy Bamboo Stakes, Natural Color. For Dahlias.

Height	Diam.	Doz.	100
5 ft.	3/4 in.	\$1.00	\$7.50
6 ft.	3/4 in.	1.40	10.00

### GREEN PAINTED ROUND HEAVY WOODEN PLANT STAKES



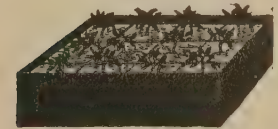
	Each	Doz.	100
4 ft., Heavy or Dahlia.....	\$0.15	\$1.55	\$11.40
5 ft., Heavy or Dahlia.....	.20	2.25	14.60
6 ft., Heavy or Dahlia.....	.25	2.50	17.90

### LIGHT PLANT STAKES (Wooden)

	Each	Doz.	100
2 ft., Light.....	\$0.04	\$0.40	\$ 2.80
3 ft., Light.....	.08	.75	5.40

### B-B WATERPROOFED PLANT BOXES

Strong waterproofed plant box contains 12 craft board pots, makes plant starting and growing easy and economical. Your plants can be transferred to the garden in B-B Craft Board Pots without disturbing the root growth and are thus protected against cut worms. Each 20c, 2 for 35c.



### NEPONSET FLOWER POTS

Quantity per case	Wgt. lbs.	Doz.	100	1000
1000 2 1/4 in.		\$0.15	\$0.80	\$ 6.85
1000 2 1/2 in.	16	.15	.80	6.90
1000 3 in.	24	.20	.95	7.30
1000 3 1/2 in.	34	.25	1.25	9.65
500 4 in.	23	.30	1.50	11.55
500 5 in.	37	.35	1.90	14.15
500 6 in.	51	.50	2.50	17.65

### BIRD'S PLANT BANDS

Sold in Units of 1000 only  
Price Per 1000—Sizes in Inches

	2 x 2	2 x 2 1/2	2 1/2 x 2 1/2	3 x 3	4 x 4
	x 2 1/2	x 3	x 3	x 3	x 3
Vita-Bands 10 ....	\$3.65	\$4.15	\$4.75	\$5.65	\$7.35
Vita-Bands 40 ....	5.40	5.90	6.95	8.10	



### EARTHENWARE FLOWER POTS AND SAUCERS

Size	Each	Pots Doz.	100	Saucers Each	Doz.
2 in.....	\$0.03	\$0.35	\$2.00		
2 1/2 in.....	.04	.40	2.50		
3 in.....	.05	.50	3.00		
4 in.....	.07	.70	4.75		
5 in.....	.12	1.20	9.00	\$0.07	\$0.75
6 in.....	.17	1.80	13.00	.10	1.00
7 in.....	.25	2.65	19.00	.15	1.65
8 in.....	.35	3.50	27.50	.20	2.25
9 in.....	.55	6.00	42.00	.30	3.00

Bulb Pans and Azalea Pans. 4- to 12-in., same prices as above.



## CEDAR TREE OR PLANT TUBS

Standard color, deep green. Richmond style.



Size	Top Diam. Inches	Each
No. 2	7.....	\$1.10
No. 3	8.....	1.25
No. 5	10.....	1.45
No. 7	12.....	2.10
No. 9	14.....	3.10
No. 11	16.....	3.85

## NEW STREAMLINE WATERING POTS

### With Removable Rose



Easier to carry, easier to pour. Handle rounded to fit the hand.

6 qt. ....	\$1.70
8 qt. ....	1.85
10 qt. ....	2.00
12 qt. ....	2.25
16 qt. ....	2.75



Have Every Feature You Want in a Garden Glove

**ALL-LEATHER — DIRT PROOF — DURABLE  
SOFT — COMFORTABLE — WASHABLE**

*Easy on the hands and easy to wear!*

Economical, too—outwear 6 pairs of ordinary fabric gloves, are washable and can be used the year round for garden, housework, yard, painting, furnace, garage, etc. You'll like them.

Sizes for Women (small, medium, large) for Men (small, medium, large). Price, \$1.25 a pair.

## NEEGARDS

### THE MODERN KNEE PROTECTOR

*No More Aching Knees.*

They are form-fitting, completely adjustable to fit any size knees, and are equipped with adjustable non-slip straps. Made from finest grade of thick sponge rubber. \$1.25 per pair, postpaid \$1.35.



## THE SUDBURY SOIL-TEST KIT



**New Acidity Soil Test Kit. "Two minute." \$1.00; postpaid \$1.10.**

**Home Garden Size "Model D." Complete with instructions and table of plant needs. \$2.50; postpaid \$2.60.**

**Junior Professional Model. \$4.75; postpaid \$4.85.**

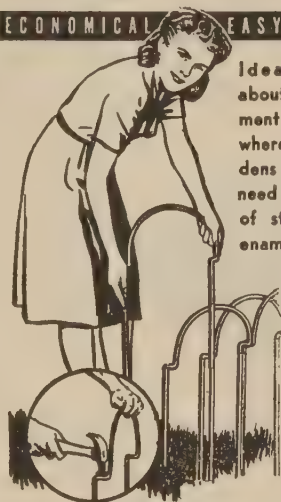
**DeLuxe Model. \$22.50.**

**Testing Fluid for refill. Specify whether for nitrogen, phosphorus, potash, or acidity. 2 ozs. \$1.00; postpaid \$1.10; 6 ozs. \$2.00; postpaid \$2.10.**

## stikit wikit LAWN FENCE

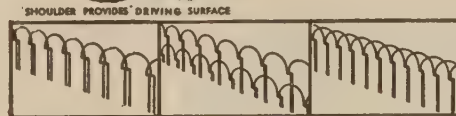
PROTECTS and  
BEAUTIFIES  
YOUR LAWN  
AND GARDEN

ECONOMICAL EASY TO INSTALL



Ideal for grounds about homes, apartment houses, hotels—wherever lawns, gardens or flower beds need protection. Made of steel and durably enameled.

**\$2.40  
Per Dozen**  
12" wide  
20½" high  
Pack 2 doz.  
to carton



## SURE CROPS

**3 weeks  
earlier  
TO MARKET**

For earlier and more profitable crops, use Hotkaps. They also offer protection against insects.

Pkg. of 25—Complete with Paper Setter, 70c.

Pkg. of 100—Complete with Fiberboard Setter, \$2.75.

Pkg. of 250—Complete with Fiberboard Setter, \$4.65.

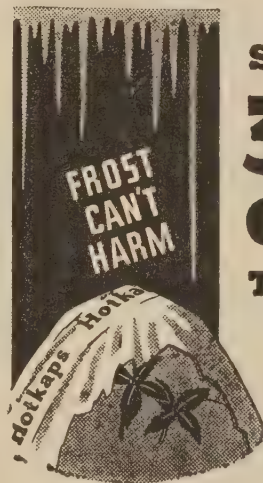
1,000 Hotkaps only \$14.65.

5,000 Hotkaps—per 1,000, \$14.50.

10,000 Hotkaps—per 1,000, \$14.35.

Fiberboard Setter Alone, 20c.

Steel Setter, \$1.95.



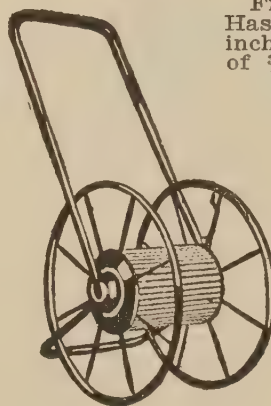
## NO. B-10 HOSE REEL

Frame and rims are of tubular steel. Has corrugated steel drum. Reel is 21 inches high and has capacity of 100 feet of ¾-inch hose.....\$7.00 each

### Large Size Style B

Similar to No. 10 except drum is made of sheet steel and the whole reel is of heavier construction.

No. B30. Capacity 400 ft. of ¾-in. hose, \$16.00.



No. B10

## VICTOR HOSE REEL

Capacity 100 ft.  
of ½ hose  
\$4.65

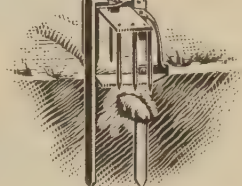


## REDDICK MOLE TRAP

Reddick Traps sound "taps" for Mr. Mole and his burrowing family.

Extensively used in public or private parks, farms, schools, colleges, cemeteries, etc.

Entire Trap Double Tinned. Rust-proof. Price \$1.50; by Parcel Post \$1.65.







## Automatic The Model K Rain King

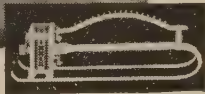
A turn of the control button sets this amazing new Rain King for any desired area 5 to 50 feet in diameter. It then automatically sprinkles that area—sends out both the right quantity of water and the correct fineness or coarseness of spray for that area. Whether set for large or small circles, the spray is always broken up by the speed of the revolving arms to

provide a natural rain-like shower that is best for all lawns, mature or newly-seeded. All exposed brass parts are chromium plated, body and head are of cast iron, and the ventilated base is of pressed steel. Phosphor bronze bearings. Rich, red, plastic control button, green upright and base. 10 inches wide at base. Height 10 inches. Shipping weight 5 lbs. ....\$7.75

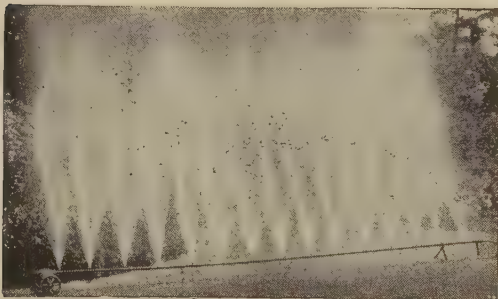


## Skinner Spray Wave Sprinkler

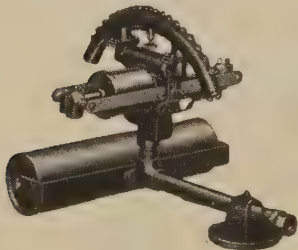
Ideal for lawns, gardens and average size plots. Covers area 40 x 40 ft.; uses 5 GPM at ordinary city pressure. Adjustable. Price \$22.50.



## Skinner Border Mist Sprinkler



Fine one-way sprinkler and waters one side at a time. Light spray and waters a width of 16 ft. at ordinary city water pressure. Used for borders, shrubbery and syring roses, etc. 15 ft. in length, \$17.75. Handle on sprinkler to adjust to any angle.

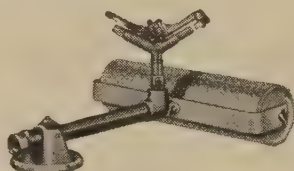


## Skinner Rain Wave Sprinkler

Miniature irrigation system. Covers 50 x 50 ft. at 30 lbs. pressure. Adjustable. Mounted on roller base, 3/4 in. hose connection. Covers a square. Fool-proof. An exceptionally good sprinkler for lawns, gardens, market gardeners and nurseries. Price \$42.50. The finest sprinkler manufactured.

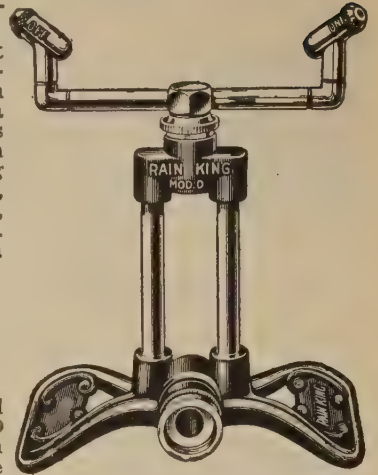
## Skinner Utility Rotary Sprinkler

For golf courses and large lawn areas. Extensively used for Greens and Tees. Covers 80 ft. circle at 30 lbs. pressure. Can be furnished with larger nozzles at slight additional cost. Strong, durable and dependable. Mounted on roller base. \$13.75.



## Model D Rain King For circles up to 50 feet— revolving or stationary

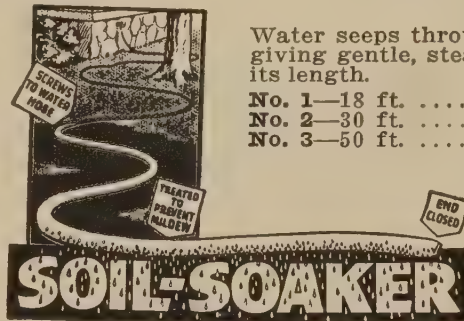
Double nozzles can be set to water circles, long narrow strips, hard-to-reach corners. Each nozzle a sprinkler in itself. Throws any kind of spray from heavy shower to floating mist. The brass arms, mounted on enamel base, give it unusual distinction. Height, 9 in. ....\$5.50 each



## Model H Rain King

Chrome plated—  
America's most  
beautiful Sprinkler

A bigger, more rugged Sprinkler than Model D with new-type short-stem nozzles that throw more water when set for fine spray—over 300 gallons per hour on 20 pounds pressure. Chrome-plated nozzles, uprights and fittings of solid brass—base finished in enamel. Height, 11 1/4 in. ....\$6.75 each

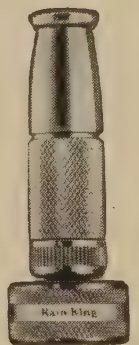


Water seeps through pores of canvas giving gentle, steady flow throughout its length.

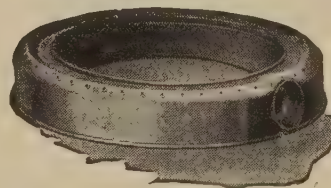
No. 1—18 ft. ....\$2.20  
No. 2—30 ft. .... 3.40  
No. 3—50 ft. .... 5.50



Waterwand deposits water softly, where you want it, saves time, ends spray damage, makes a tedious job clean and enjoyable. \$3.00



**Rain King Nozzle**  
Model N1 .....\$1.35  
**DART NOZZLE**  
No. 161—Brass ...80c



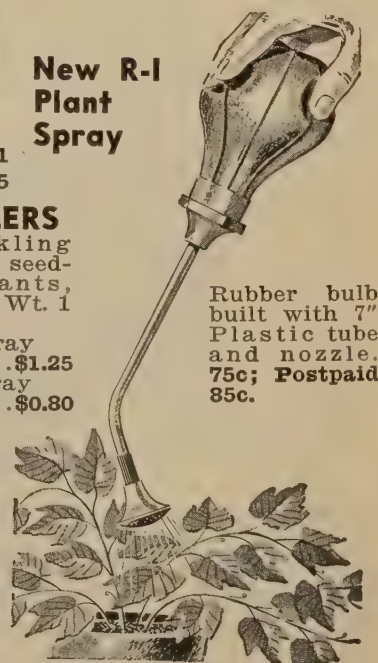
**THE "FOUNTAIN" No. 5041**  
Galvanized Base .....\$1.25

## PLANT SPRINKLERS

For sprinkling cut flowers, seedlings, plants, clothes, etc. Wt. 1 pound.  
No. C-1—Spray Bulb .....\$1.25  
No. B-2—Spray Bulb .....\$0.80



## New R-1 Plant Spray



Rubber bulb built with 7" Plastic tube and nozzle. 75c; Postpaid 85c.



## NYLON BUILT GARDENETTE HOSE



**Gates Gardenette**—the revolutionary featherweight hose always wanted but never thought possible. Wartime discoveries have made possible (1) rot-proof core (2) a weather and age-proof cover (3) a layer of braided nylon cord—all welded together in a light, graceful hose that is longer wearing than the best standard heavy hose ever manufactured.

$\frac{5}{8}$ "—25 ft. Length Coupled.....\$5.50  
 $\frac{3}{4}$ "—50 ft. Length Coupled.....10.00

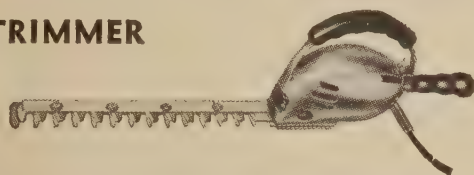
## TRUCORD

**Gates Trucord**—the best standard, single-braid hose on the market. Sturdy braided-cord construction. Durable and weather-resistant. Core, cord and cover are vulcanized into one enduring hose guaranteed to give longer service than any other garden hose of equal price.

$\frac{5}{8}$ "—25 ft. Length Coupled.....\$3.50  
 $\frac{3}{4}$ "—50 ft. Length Coupled.....6.50

## A Real Tool for a Real Job

### ELECTRIMMER



**Cutting Blade**—Blade cuts a full 12 inch swath. Made of finest steel. Is spring loaded to assure proper tension at all times, and also compensate for wear. **Motor**—Universal for D.C. or A.C. up to 60 cycle. **Gears**—Special alloy steel worm and bronze worm wheel, running in grease-sealed chamber, effects necessary speed reduction. **Switch**—Single pole, built-in toggle switch, located on motor frame. **Frame**—Die-cast aluminum alloy, for lightness and strength. Length Overall—24 in. Net Weight—6 lbs. Shipping Weight—9 lbs. **Equipment**—One 12 in. cutter blade; one adaptor for extension handle; 6 ft. of finest rubber covered cord with two-prong connector. **Price \$37.50.**

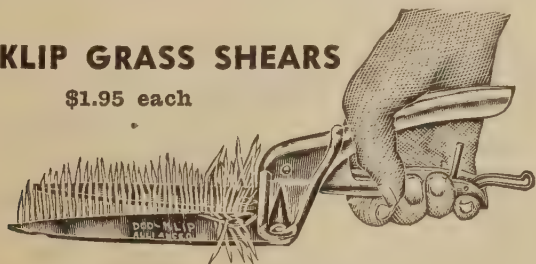
## THE NEW SUNBEAM HEDGE TRIMMER



**Well-balanced for easy handling.** Construction fully utilizes plastics and light metals to reduce weight. Specially designed twelve inch high grade cutlery-steel blades hardened and precision ground. Has auxiliary grip for easy handling in all positions. Long 10 ft. cord. Plug rests on ground and user can add extension to meet his needs. Powerful, cool-running motor is self-contained within the easy grip handle. Convenient ON and OFF switch....**Price \$37.50**  
 Extra 100 ft. No. 18 cord with connectors.....\$5.95

## DOO-KLIP GRASS SHEARS

\$1.95 each



## SNIP-ITT GRASS SHEARS

Low-priced companion to the Doo-Klip. **Price \$1.65.**



**AS CUT  
FROM BUSH**

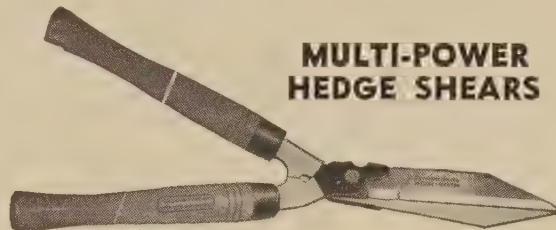
No. 6156—Flower Holding Shear—\$2.25

## No. 326 IMPROVED MULTI-POWER HEDGE SHEARS



Ease of use unbelievably enhanced by soft rubber handle grips, by shock-absorbing rubber bumpers between the handles.  $9\frac{1}{2}$ " blades, of high grade cutlery steel. Multi-Power is the only hedge shear in which cutting blades can be renewed. Serrated top blade. A quality hedge shear for the discriminating gardener.  $21\frac{3}{4}$ " length overall. Net wt.  $2\frac{3}{4}$  lbs. **\$5.50.**

## MULTI-POWER HEDGE SHEARS



**No. 26N—"Multi-Power" Hedge Shear.** Sensational patented compound lever provides "soft," smooth, non-jolting action. Develops 60% more power from handles to blades.

**No. 26N-6**—6 in. blades...\$2.40

**No. 26N-8**—8 in. blades... 3.25

**No. 26N-9 $\frac{1}{2}$** —9 $\frac{1}{2}$  in. blades 3.50

## "EZY-CUT" HEDGE SHEARS

**No. 14N**—8 inch ...\$2.75

**No. 14N**—9 $\frac{1}{2}$  inch . 3.00

## LONG-HANDED DOO-KLIP GRASS SHEARS

\$3.50 each



## BIRD BATHS

**No. 15**—22 in. ...\$3.50

**No. 14**—25 in. ... 6.85

**No. 16**—25 in. ...11.85





## PRUNING SHEARS



**Snap Cut Pruners.** The Keen "V" shaped blade cuts onto a soft metal anvil with an easy slicing action that cuts through large, tough branches with surprising ease and smoothness. All parts easily replaceable at small cost.

No. 119—8 inches long, Chrome finish.....\$2.50  
No. 118—6 inches long, Ladies size..... 1.90

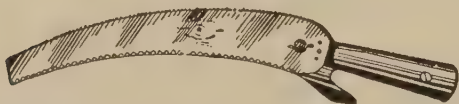


**No. 122 "Clipper Pruner"**—Featuring dual cutting action. Strong, durable, all steel construction. Cuts easily, closely and without injuring bark. Bright nickel knurled handles. Polished and tempered blades attached to handles by small bolts. Finger-tip catch. All parts easily replaceable. 8 inches long. \$1.50.

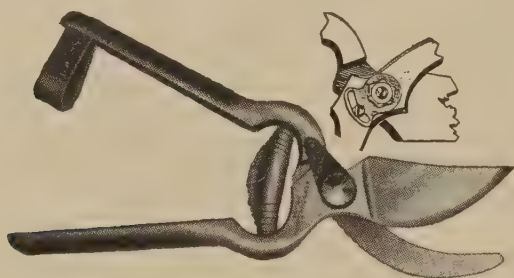


**No. 60 Pruner.** One-piece cutlery steel drop forging. Ground cutting head. Volute spring. Nut and bolt. Riveted steel catch. 9 inches long. \$1.50.

## No. 16 POLE PRUNER

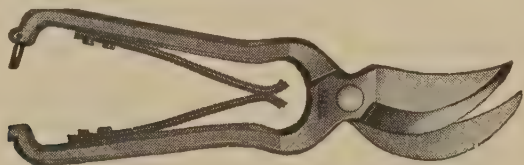


Saw Head Only. 16 in. \$3.00.  
Extra Blades—16 in. \$2.10.



## No. 124 "PROFESSIONAL" PRUNER

Surpasses imported models of this construction. Finest one-piece drop forged steel. Keen, powerful, positive slicing action. Honed edges. Adjustable nut lock and bolt support. Soft-acting volute spring. Non-pinching shaped handles. A pruner for the most experienced horticulturist. 8 inches long. \$3.50.



**No. 585—Genuine Swiss Pattern.**—With band clasp and bleeder type blade. Extra strong, wide, heavy malleable iron handles with riveted tool steel blade. Double brass spring and bolt with ratchet adjusting nut. Full polished finish. 8½ inches long. \$3.95.

## PRUNING SAWS



This is the most practical pruning saw made. Owing to its peculiar shape, being tapered off to a point permits cutting in between the limbs. The blade is adjustable and will cut at any angle desired and can be removed to replace a new one. Made of the best quality steel.

No. 11. 16 in. \$2.90. Extra Blades 40c; by Parcel Post 45c.

## DOUBLE EDGE PRUNING SAW



Made of the very best material. One side has fine teeth and the opposite has coarse teeth.

No. 3. 18 inch. \$2.25.

## No. 20 PRUNING SAW

14 inch Blade, Pistol Grip. Draw Stroke. \$1.80.  
No. 18—Folding Handle. 12 inch Blade. \$2.00.

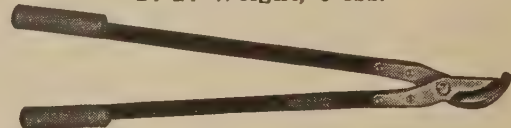
## No. 40 PRUNING SAW



24 inch Tuttle-tooth Pruning Saw. \$4.20.

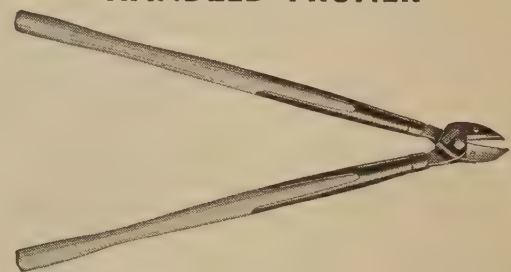
## LOPPING SHEARS

P. P. Weight, 6 lbs.



**No. 528. "Professional" Lopping Shears.** New improved lightweight balanced tool for orchard and general service. Dual cutting action for close, clean, quick-healing cuts. Branches and twigs—even frozen wood—will not slip from its blades. Blade efficient to extreme tip. Tempered alloy steel forging. Shaft runs through shaped hardwood handle and is riveted at end. Cuts 1½-inch limbs. 28 inches overall. \$4.50.

## No. 149 "SNAP-CUT" LONG HANDLED PRUNER



The highly efficient "Snap-Cut" blade-and-anvil cutting principle, applied to a lopping shear. Alloy steel blade. The soft metal anvil of the "Snap-Cut" action ensures long cutting life without dulling blade. 20" ash handles securely pinned on to pruner shanks. Ideal for vineyards and peach orchards. Cuts 1½" limbs easily. All parts replaceable at nominal cost. Length 25" overall. \$3.90.



**No. 75—Bernard Lopping Shears.**—For orchard and vineyard. Tempered, polished and ground steel forgings. Shaped ash handles with long strap. Cuts 1½ in. limbs. 26 in. overall, \$3.00; 30 in. overall, \$3.25.





### WIRE FRUIT PICKER

Well made and durable. Fruit can be picked without bruising. Made of No. 12 copperized wire. Will not rust. Price less pole 80c, by Parcel Post 90c.

### LONG HANDLE TREE TRIMMER

No. 1312. 12-ft., 2-section Trimmer, \$4.25.  
Extra 6-ft. sections, \$1.25 each.

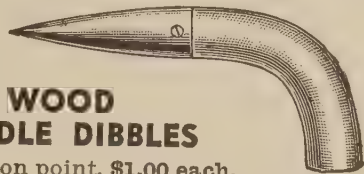


### IMPROVED TELEPHONE PRUNER

No. 111. Cuts 1-inch branches. Head only. Weight, 2 lbs. \$3.50.

No. 12. Cuts 1½-inch branches. Head only. Weight, 5 lbs. \$6.80.

No. 1312  
Tip Top



### WOOD HANDLE DIBBLES

No. 218. Iron point. \$1.00 each.

### Hole-in-One Bulb Planter

P.P. Weight, 1 lb.

The tapered cup removes the soil and makes a perfect planting hole in one operation. 75c.



### SOCKET GARDEN TROWEL (Forged Steel)

No. 205. This trowel is hammer forged—one piece—and has seamless socket. Full polished. Hardwood handle. 6-inch blade. 13½ in. over all. \$1.50 each.

No. 211. Shank and heavy 6-inch forged steel blade, forged like a mason's brick trowel, \$1.00.



### GARDEN TROWEL (Solid Steel)

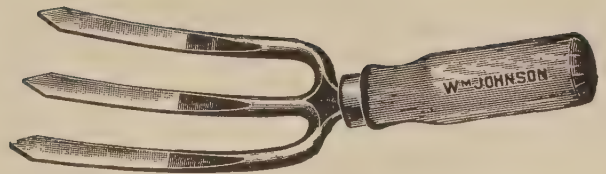
No. 212. This trowel is made of one piece of heavy sheet steel. The shank is bent hollow to give strength. 40c each.

No. 215. Shank riveted on blade. 35c.



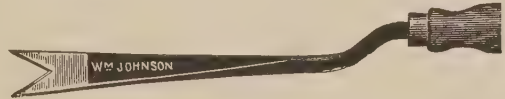
### TRANSPLANTING TROWEL

No. 217. Blade and shank are one piece of heavy sheet steel. 6 in. 25c each.



### SPADING FORK (Three-Tine)

No. 300. This fork is well made, the tines are polished about halfway and adjoining part enameled blue. Polished hardwood handle with brass ferrule. Length over all, 11 in. 60c each.



### ASPARAGUS KNIVES OR WEEDERS

No. 2500. Heavy. 45c.

Asparagus Tape. No. 17-677. Red. Spools of 1,000 yds. Weight 2 lbs. \$3.25.

Raffia. Lb. 65c; 5 lbs. 60c per lb.

### ASPARAGUS BUNCHER



To sell asparagus to the best advantage, it must be packed right and unless you have a good buncher your bundles will not be uniform. This buncher is made of good material throughout, is adjustable for length and thickness, making a neat, compact, and uniform bundle. Price \$4.50

### MATTOCKS



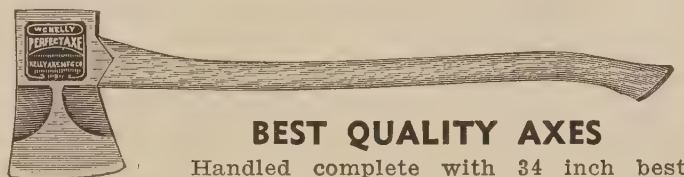
Best Quality, without Handle, 5 and 6 lbs.....\$2.00  
With Handle ..... 2.60

### PICKS

No. 7—7 lb. best quality warranted steel Railroad Picks,  
without Handle .....\$2.00  
With Handle ..... 2.60

### PICK AND MATTOCK HANDLES

First quality Hickory Handles.....60c



### BEST QUALITY AXES

Handled complete with 34 inch best hickory handle.

Best Quality Axes. Sizes 3½ and 4 lbs. \$3.00

### AXE HANDLES

Extra selected second-growth all white hickory Axe Handles .....60c

### STEEL WEDGES—FOR SPLITTING WOOD

3 pounds .....	\$ .75 each
4 pounds .....	.85 each
5 pounds .....	.90 each
6 pounds .....	1.00 each



### BRUSH AND BRIAR HOOKS

No. 10. Axe Handle.....\$2.85

All Items on this page subject to Maryland Sales Tax

All Prices F.O.B. BALTIMORE  
Subject to Change Without Notice

E. MILLER RICHARDSON & CO., 114 Light St.—PLaza 8684-8685



## CORN KNIVES

Lightning Corn Knives.....	75c each
Little Giant Corn Knives.....	75c each
Nowatoco Corn Knives.....	65c each
Black Diamond Corn Knives.....	60c each
Field King Corn Hooks.....	60c each
Little Giant Corn Hooks.....	75c each
Lucky Strike Tobacco Hatchets.....	50c each

## GARDEN HOES



No. RHLC64½. \$1.25.
No. RHSG6½. Socket. \$1.25.
No. AG6½. Shank. 6½ inch blade. \$1.75.
No. SG6½. Socket. Polished Blade, 6½ inches. \$1.75.
No. 2PWF. 2 point hoe. \$1.75.
No. W7. Warren. \$1.75.
No. MH3. Mattock Hoe. \$2.00.
No. IGH7. Italian Grape Hoe. \$3.25.

## TURF EDGERS



No. T.E. Polished steel blade. Solid shank. 4-foot handle. Bronze finish. Price \$1.75.



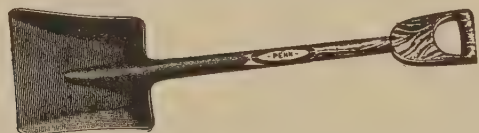
Planet Junior Lawn Edger.....\$2.50

## ROUND-POINT SHOVELS



No. R2-48—Round Point .....	\$2.00
No. N103—Round Point .....	2.50
No. 203—Pony .....	2.75
No. A103 .....	2.95
No. N102—D-Handle Round Point Shovel.....	2.50

## SQUARE-POINT SHOVELS



No. S40DRB—Square Point .....	\$2.25
No. S448-RB—All Purpose, Long Handle, Square Point	2.25
No. A100—Size 4, D-Handle Square Point Shovel...	3.10
No. N100—Size 2, D-Handle Square Point.....	2.50
No. 900RB—D-Handle Square Point.....	2.00

## LONG AND SHORT HANDLE SPADES



No. N124—D-Handle .....	\$2.50
No. A124—D-Handle .....	2.95
No. 924RB—D-Handle .....	2.00
No. N125—Long Handle .....	2.50

## SCOOPS



No. N308—Size 4, D-Handle.....	\$2.35
No. N308—Size 6, D-Handle.....	2.50
No. N312—Size 8, D-Handle.....	2.75
No. N309—Size 4, Long Handle.....	2.35

## STANDARD EARTH AUGERS

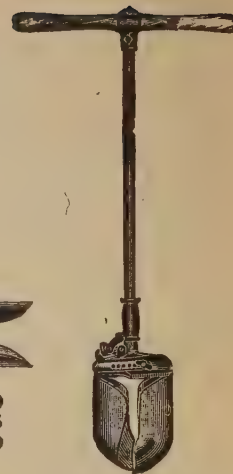
No. 5—Bores holes to 3 in. in diam., 3½ ft. deep. \$8.50 each.

No. 8—Bores holes, 3 to 14 in. in diam., 3½ ft. deep. \$10.00 each.

## POST HOLE DIGGERS



Perfection PH Digger .....	\$2.50
Hercules Ex. Heavy.....	3.45
No. 88, with Tamper Handle.....	4.50

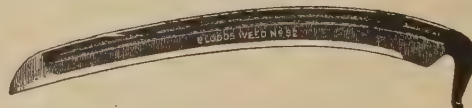


## GRASS HOOKS



Kelly No. 1½.....	\$0.85
Komet .....	\$0.60
Little Giant .....	.90
Lawn Queen .....	1.10
Little Giant Long Handle .....	1.25

## GRASS AND BUSH SCYTHES



30 in. to 34 in. Grass—Earl Special.....	\$2.00
26 in. to 28 in. Weed—Earl Special.....	2.00
18 in. to 22 in. Bush—Earl Special.....	2.00
28 in. Genuine English Waldron Scythes.....	4.20
30 in. Genuine English Waldron Scythes.....	4.30
32 in. Genuine English Waldron Scythes.....	4.35
34 in. Genuine English Waldron Scythes.....	4.45

## SCYTHER SNATHS



No. 50-1BS—Patent Loop Grass Snath.....	\$2.85
No. 105-1BS—Patent Loop Bush.....	3.10
No. 300—Brush Snath, Clamp Ring with Set Screw..	3.10
Aluminum Snath .....	3.00

## SCYTHER STONES



No. TN15—English Round .....	\$ .90
No. TJ3—Oval .....	.45
No. TN16—Darby .....	.60
No. JD2—Utility Wood Handle .....	1.25

## STABLE OR PUSH BROOMS



These brooms are of the highest quality. Made with heavy blocks. No. 286 D, genuine African grass, 4 rows \$1.75; handles 30c.



# Good Tools Make Gardening A Pleasure



## WEED CUTTERS

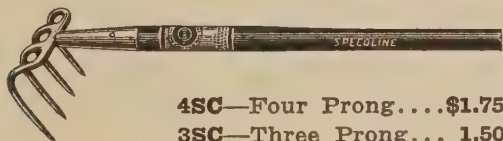
No. HAWCS—Bow Type .....\$1.30  
No. USGT ..... 1.00

## GARDEN CULTIVATORS



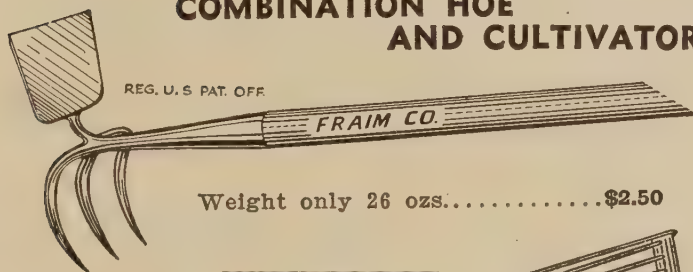
Tines can be adjusted by simply turning a nut.  
No. VC5—5-shank .....\$1.95  
No. VC3—3-shank ..... 1.50  
Extra teeth ..... .25

## SPEEDY CULTIVATOR



4SC—Four Prong....\$1.75  
3SC—Three Prong... 1.50

## COMBINATION HOE AND CULTIVATOR



Weight only 26 ozs.....\$2.50

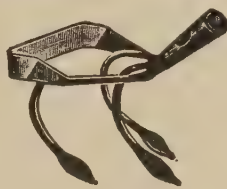
## WIRE SCOOP



30 Inch D-Handle.....\$4.00

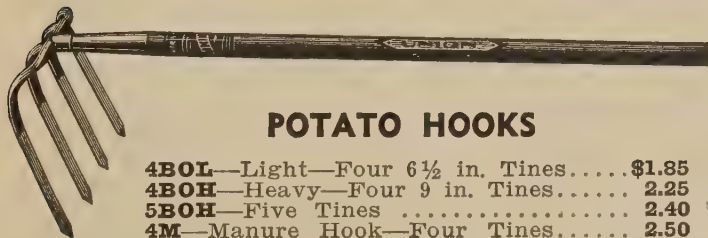
## GARDEX CULTIVATOR WITH WEEDER

No. 1523. Cultivate and weed with one tool. The 3-prong cultivator loosens the soil thoroughly while the weeding blade cuts off all weeds quickly. Painted red, 3 prongs 4-1/3 inches wide, weeding blade 4 inches wide, with 4 ft. handle .....\$1.60



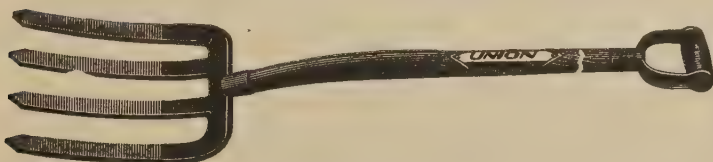
No. 1523

## POTATO HOOKS



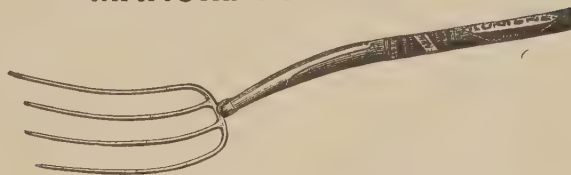
4BOL—Light—Four 6 1/2 in. Tines....\$1.85  
4BOH—Heavy—Four 9 in. Tines..... 2.25  
5BOH—Five Tines ..... 2.40  
4M—Manure Hook—Four Tines..... 2.50

## SPADING FORKS



No.	Tines	Ferrule	Handle	Price
No. SALL—Light	4	Strap	30 in. Bent	\$2.00
No. SAHD—Heavy			30 in. Bent	2.25

## MANURE FORKS—LIGHT



No.	Tines	Armorlock Ferrule	Handle	Price
RHA44	4-12 1/2 in.	"	4 ft.	\$1.75
RHA44 1/2	4-12 1/2 in.	"	4 1/2 ft.	1.85
A44	4-12 1/2 in.	"	4 ft.	2.25
A44 1/2	4-12 1/2 in.	"	4 1/2 ft.	2.35
RHA54 1/2	5-12 1/2 in.	"	4 1/2 ft.	2.10

## MANURE FORKS—HEAVY



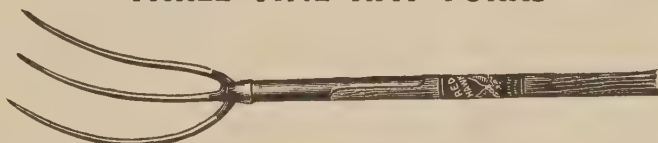
HOM4—4-15 in. Tines....\$3.75  
EHD5—5-16 in. Tines... 5.00

## ENSILAGE OR BARN FORKS



E8—8-16 in. Tines.....\$4.15  
E10—10-16 in. Tines... 4.50

## THREE TINE HAY FORKS



No.	Tines	Ferrule	Handle	Price
RHA35 1/2	3-12 in.	Strap	5 1/2 ft.	\$1.85
RHA36	3-12 in.	Strap	6 ft.	2.00
A35 1/2	3-12 in.	Strap	5 1/2 ft.	2.35
A36	3-12 in.	Strap	6 ft.	2.45

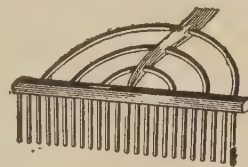
## STEEL GARDEN RAKES



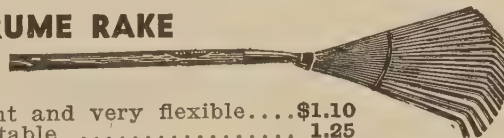
SC14—14-3 1/4 in. Curved Teeth.....\$1.60  
SC16—16-3 1/4 in. Curved Teeth..... 1.70  
RHLSC—14-2 3/4 in. Straight Teeth.... 1.00  
B14—14 Tooth Bow Rake..... 1.80  
B16—16 Tooth Bow Rake..... 1.90

## WOOD RAKE

24-Tooth—3 Steel Bows. \$1.25  
Extra Teeth 4 cts. each.



## STEEL BRUME RAKE



No. BRF22—Light and very flexible....\$1.10  
No. SL14—Adjustable ..... 1.25  
No. LC18—18 in. Lawn Comb..... 1.75  
No. LC24—24 in. Lawn Comb..... 2.15

## BAMBOO RAKES

McGuire Steel-Banded  
18-inch .....Each \$1.50  
24-inch ..... Each \$2.00  
30-inch .....Each \$2.75

Special Bamboo Rake Ea. 75c

## DISSTON STEEL RAKE

18-inch .....Each \$2.75  
24-inch .....Each \$2.00



Disston Steel Rake



# MOTO-MOWERS

*A size for every lawn*

**QUALITY MOWERS THAT HAVE STOOD  
THE TEST OF TIME**

## THE MOTO-BOY 20"

A lawn mower built to fill the needs of the home owner of average means. Sturdy, dependable construction. Reel 6" diameter; has five crucible steel blades; Timken roller bearings. "V" belt and chain drive; large sheaves, reducing engine speed to mower, enabling operating at slow walking speed. Wheels 10½" fitted with semi-pneumatic tires, size 10.85x1.75. Zerk lubrication. Briggs & Stratton Motor ¾ h.p. at 2200 R.P.M. Net weight 115 lbs. Shipping weight 130 lbs.....\$129.50

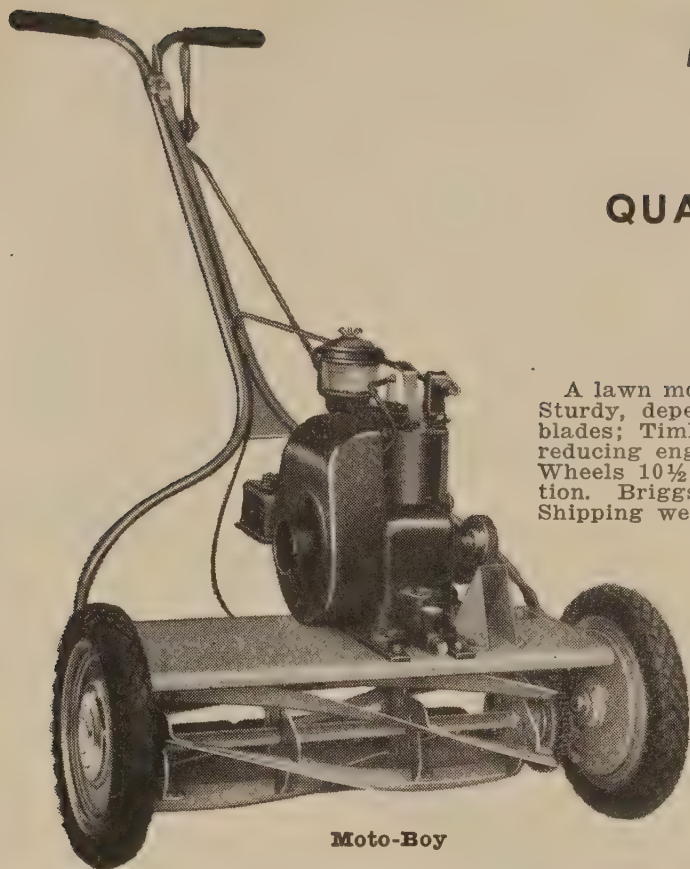
## THE SCOUT 22"

Briggs & Stratton Motor, 4 cycle, 1½ h.p. at 2600 R.P.M. Net weight 135 lbs. Shipping weight 150 lbs. \$154.50

## THE STANDARD MODEL—HEAVY DUTY

For all practical purposes—  
A 24" Super-Detroit Mower  
Cutting capacity 4 to 5 acres per day

The Standard model is every inch a Moto-Mower, which means rugged construction, ample power, easy operating, "Twist of the Wrist" guiding. The Moto-Mower Company has never built a better or more useful all-around power lawn mower than the Standard. It is used extensively by cemeteries. Briggs & Stratton Motor 2¼ actual h.p. at 2700 R.P.M., 4 cycle, air-cooled; bore 2¼"; stroke 2¼" .....\$360.00  
City Model 22", Heavy Duty, 1½ h.p. .... 275.00



Moto-Boy

## THE COMMANDER

**Moto-Mowers—Wheel Type. Wheels Rearward and  
Within Cutting Width**

The Commander, although a wheel type of mower, combines the desirable features of a roller mower due to the traction wheels being rearward of, but within the cutting width of the reel.

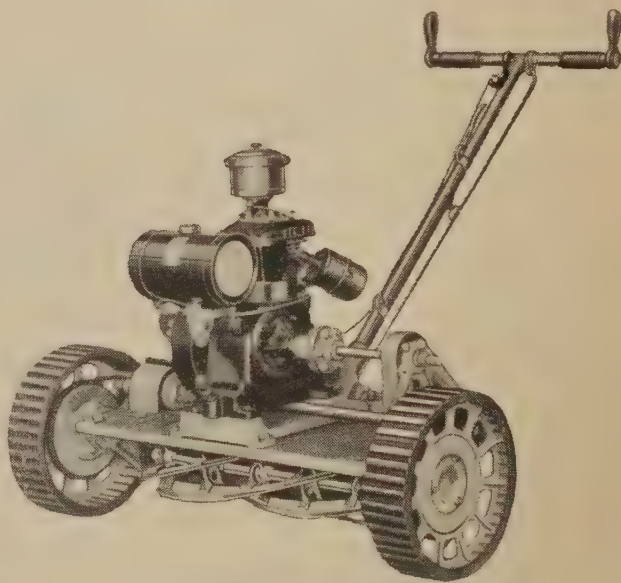
The Commander over-all width is exceedingly narrow when compared to its cutting width, the mower being but 35 in. wide although equipped with a 30" reel. It is possible to cut much closer to an object than with the usual type of wheel mower, and to extend the cutting unit over the edge of the lawn when trimming along driveways or raised borders.

Likewise the over-all width of the Commander Triplex which has a 71 inch cutting width is but 75 inches.

Power Driven Cutting Units have no wheels or casters — they contact the ground on rollers to the rear of the reel and may be extended over the edge of the lawn when trimming. Will cut 12 to 15 acres per day.

30" "Commander" Model with 2½ h.p. 4 cycle Briggs & Stratton Engine and 4.50x7 Pneumatic Tires.....\$500.00.

71" "Commander Triplex" Model with 3½ h.p. 4 cycle Briggs & Stratton Engine; 4.50x7 Pneumatic Tires and Power-Driven Trailer Units .....\$770.00



Super-Detroit

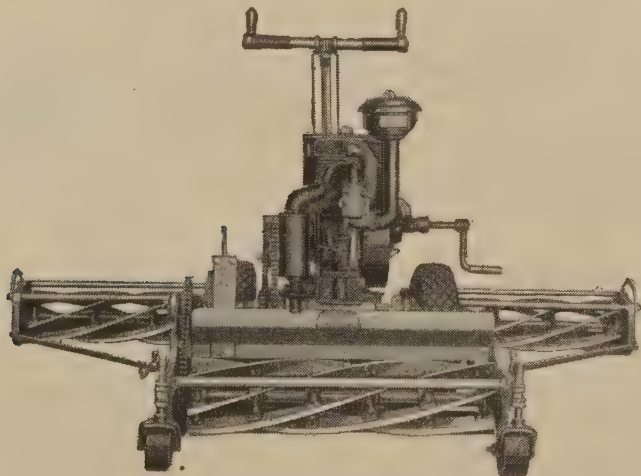
## THE SUPER-DETROIT MODEL

**The most satisfactory conventional Wheel Type  
Power Lawn Mower in America,  
Cutting Capacity 6 to 7 Acres per day**

The Super-Detroit Moto-Mower though big and powerful, is as responsive to the touch as a light hand mower, due to "Twist of the Wrist" guiding and Selective Automatic Speed Control. A reliable power mower that combines tried and proven features that have won universal favor. Large and sturdy; the cutting width 30", the reel diameter 7". The reel is readily removable and is equipped with a safety clutch. Briggs & Stratton Motor—3 actual h.p. at 2250 R.P.M. 4 cycle, air-cooled; bore 2½"; stroke 2½". Fuel Tank—5 quart capacity.....\$447.50.

## ACCESSORIES

Sickle Bar for 24" Standard.....\$87.50  
Sickle Bar for 30" Super-Detroit..... 92.50  
Sickle Bar for 30" Commander..... 98.50  
Sulkey with Hitch Pneumatic Tire for above models 55.00

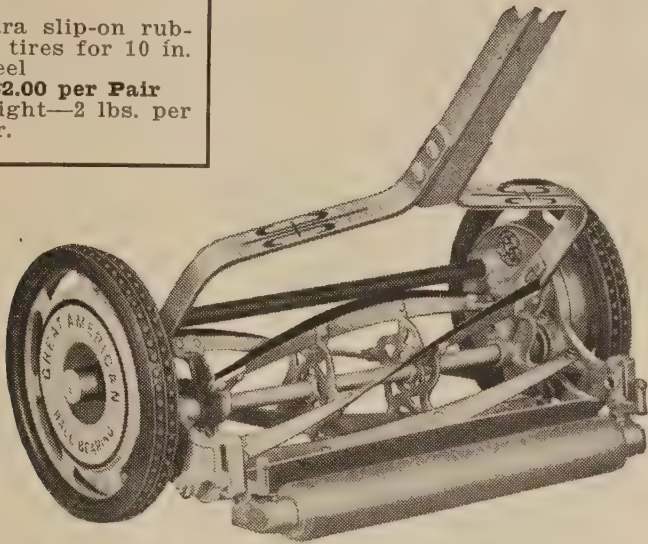


Commander Triplex



# PENNSYLVANIA *Quality* MOWERS

Extra slip-on rubber tires for 10 in. wheel  
**\$2.00 per Pair**  
 Weight—2 lbs. per pair.



## GREAT AMERICAN

Five blades, ball-bearing; 10 in. wheel. Largest seller of all quality lawn mowers, will provide years of fine service.

15 in.—10 in. wheel, rubber tires.....\$28.20  
 17 in.—10 in. wheel, rubber tires..... 30.00  
 19 in.—10 in. wheel, rubber tires..... 32.95

## PENNSYLVANIA, JR.

A Pennsylvania Mower that can be depended on for years of fine service! 5 blades.

17 in.—10 in. wheel, rubber tires.....\$38.30

## PENNSYLVANIA METEOR

Aluminum frame and wheels. Light weight, yet very sturdy and durable. 5 blades.

16 in.—Rubber tires.....\$32.95  
 19 in.—Rubber tires..... 35.00

## PENNA-LAWN

Penna-Lawn is Pennsylvania's new medium priced quality lawn mower. 5 Blades.

16 in.—10 in. wheel, rubber tires.....\$20.00

## PENNSYLVANIA POWER MOWER

**It's New!**

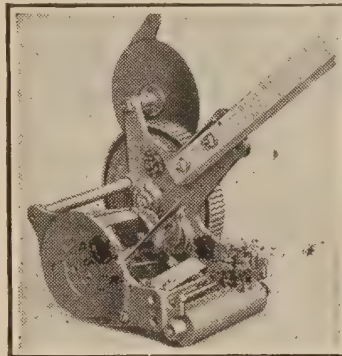
Stub tooth gearing. Hardened steel sprockets. Hardened crucible steel blades. Special lifetime ball bearing clutch. Ball and oil retaining bronze bearings throughout. Simplified chain and height of cut adjustment. Wide cutting speed range. Push-Pull controls for carburetor and clutch.



**SPECIFICATIONS** — A Pennsylvania Quality special mowing unit scientifically designed and with sufficient weight to give maximum traction and stability.

Powered by a Briggs & Stratton ¾ h.p. engine

18 inch cut.....\$132.50  
 21 inch cut..... 152.50



## TRIMMER and EDGER

Equipped with a steel disc and a small plow. Ball-bearing. Saves time in trimming overhanging grass along edges of paths and shrubbery.

**\$21.80**

## PENNSYLVANIA FAIRWAY MOWERS

By comparative test of Features, Performance, Economy, Quality and Price the Pennsylvania DeLuxe Fairway (available with malleable iron or pneumatic-tired wheels) is the greatest mower Value on earth.

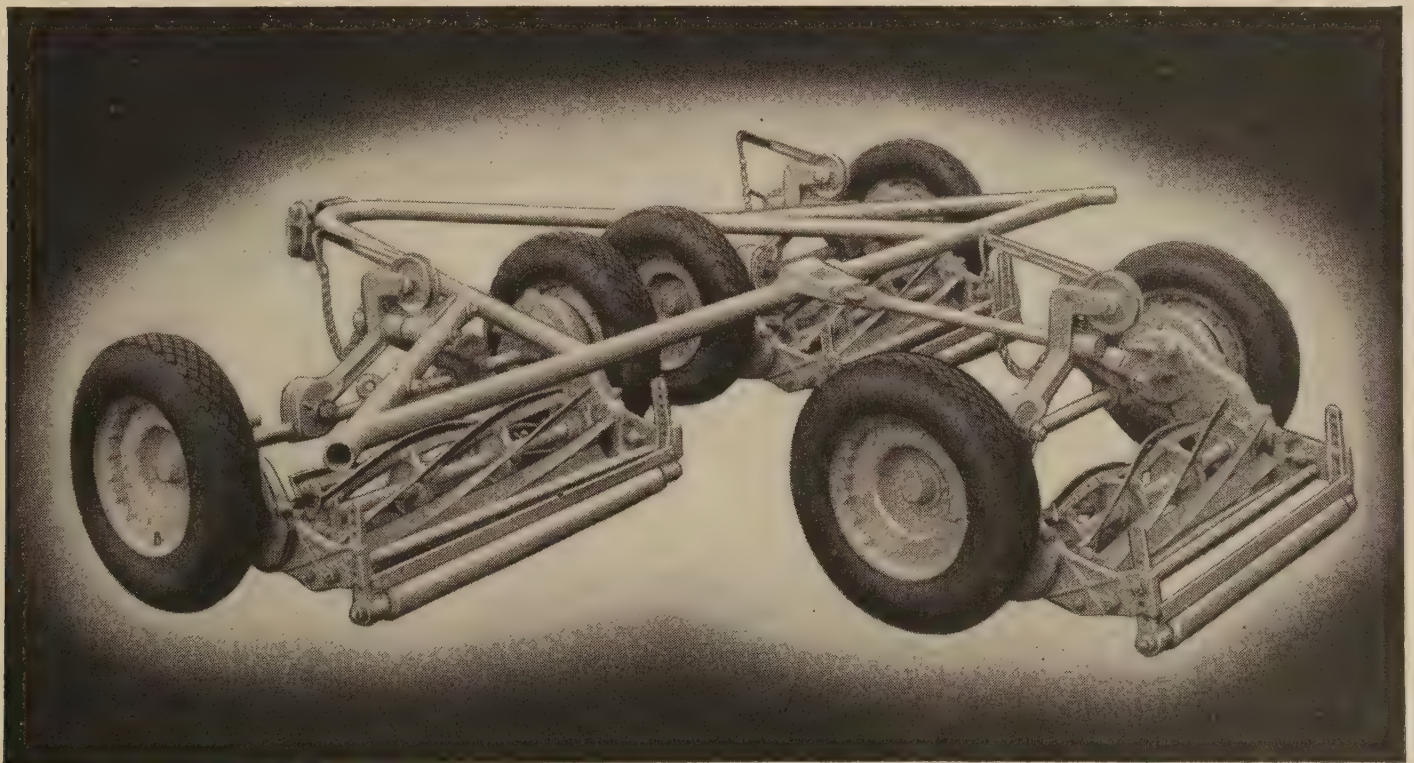
Check the mechanical features of the Pennsylvania Fairway against any other machine. You will find it the

outstanding mower value available today.

**TRIO**—Three 6 blade - 30 inch units (with Frame and Tractor hitch) 7 ft. 2" cut with Pneumatic Tires. **\$780.00**

With malleable iron wheels..... **705.00**

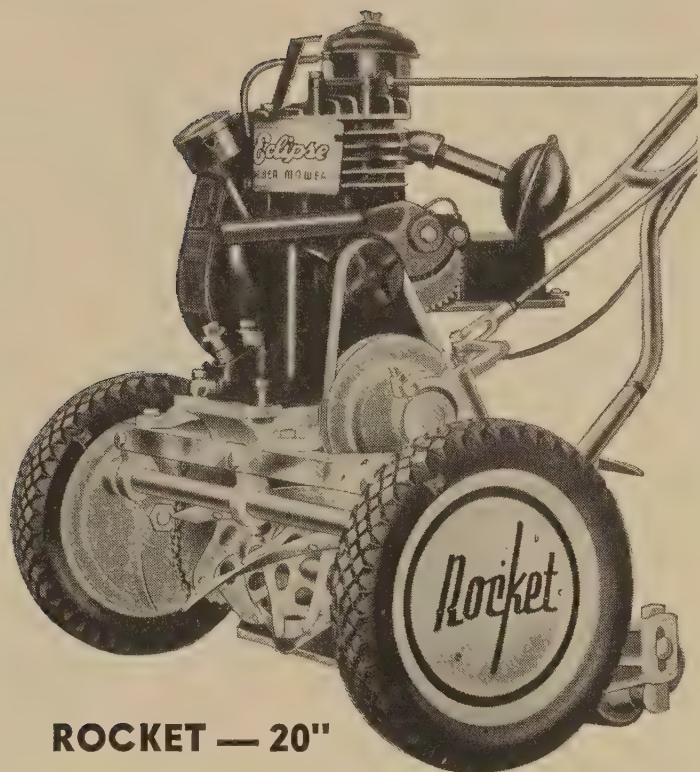
Fairway mowers also available in 5 and 7 units. Circular and Price on application.





# Eclipse LAWN MOWERS

SENSATION OF THE NATION



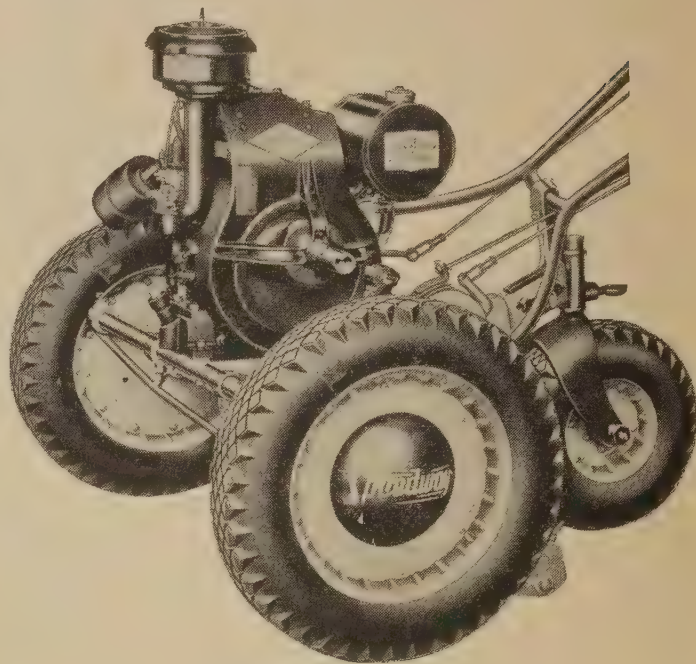
**ROCKET — 20"**

Dynamic performance features. Full 20" heavy-duty reel, 6" diameter—five special heat-treated, razor sharp blades—five extra-heavy malleable reel spiders, and  $\frac{3}{4}$ " steel shaft—Timken reel bearings, with adjustment—lower knife oil tempered, raised lip for long wear. Rugged Goodyear puncture-proof tires. Diamond chain  $\frac{1}{4}$ "—with  $\frac{1}{2}$ " pitch. Handy starting lever, no rope to lose. Briggs & Stratton motor, 4-cycle, Model W. I. Throttle control to suit your pace. Clutch—positive expansion type. Net weight—125 lbs.....\$141.00

## CUNNINGHAM SICKLE BAR MOWER



The Cunningham Mower has a 3-foot, variable speed sickle bar. It is self-propelled and cuts its own swath. Weight is carefully balanced over the wheels to make it easy to operate. Handle bars are adjustable to comfortable working height, and a handle bar throttle control gives quick convenient control of the variable speed sickle bar. Balance, plus simple, clean-cut design, enables young folks to mow more in an hour than a man can cut with a scythe in a day. No weeds are too high to be cut.  $1\frac{1}{2}$  horsepower engine; single cylinder, 4-cycle; rope start; air cleaner; float feed carburetor. Steel Wheel.....\$195.00 Rubber Tire.....\$232.00



**ROLLOWAY — 25"**

Designed and built by Eclipse for heavy duty mowing. Pneumatic rubber tires. Briggs & Stratton Engine. Average 3 to 5 acres a day. 14-inch wheels with 4-inch tread. An extra strong mower for mowing large acreages. ....\$284.00  
Parkhound, 21" ..... 175.90  
Tornado Sickle Bar Mower, 36"..... 219.00  
Speedway, 32" ..... 431.00  
Sulky ..... 52.50

## HAND MOWERS

Eclipse L, 16".....\$29.00	Vogue, 16" .....\$22.50
Eclipse L, 18"..... 31.00	Vogue, 18" ..... 24.00
Zephyr, 16" ..... 24.50	Arlington, 16" ..... 17.50
Zephyr, 18" ..... 26.50	Arlington, 18" ..... 18.50

## PARKER LAWN SWEEPERS

### "YARDGROOM"

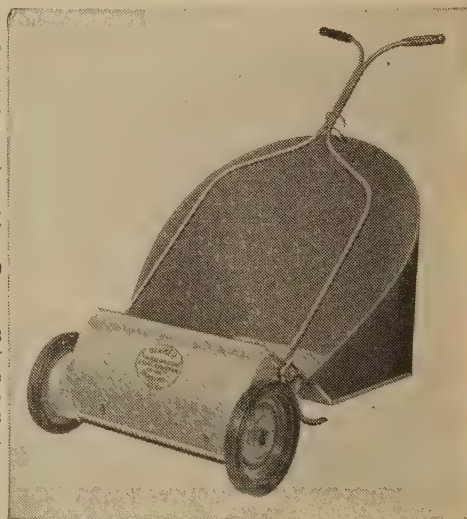
Does four hours work in one! Lifts leaves, grass, sticks, stones, etc., from the lawn. Precision built, light weight, non-rusting,  $3\frac{1}{2}$ -bushel collecting hopper, 20-inch sweeping brush.

Each \$34.00

### "SPRINGFIELD"

Sweeping makes grass healthier by allowing sunshine and moisture to reach roots. Does six hours work in one! Light weight. Easy to operate. 5-bushel hopper, 28-inch brush.

Each \$44.00



## GRASS CATCHERS

Aluminum bottom reinforced with heavy wire across the roller flange as well as around the sides. Heavy wire top frame.

**No. 148**—Unbleached Fabric. Grass Catcher hooks attached. Recommended for mowers 12" to 18" inclusive. Extra heavy wire top frame and carrying handle. \$2.00 each.

**No. 306**—Unbleached Heavy Duck. Grass Catcher hooks attached. For mowers 16" to 22" inclusive and power mowers. \$2.75 each.



## THE MYERS COMPRESSED AIR SPRAYER

Will spray all kinds of Liquid Insecticides and Fungicides. Not recommended for white-washing or painting.

No. 2240—Galv. Tank, 2½ gallons capacity .....\$10.25

No. 2242 — Galv. tank, 4 gallons capacity .....\$11.25



## SMITH BANNER SPRAYER

**Tank.** Capacity, full 4 gallons. Heavy galvanized steel or solid copper, as ordered. Funnel top.

No. 22 G. O. Banner Galvanized tank. \$10.80.

No. 22 G. F. Funnel Top. \$10.00.

No. 24 G. O. Lightning Galvanized Tank. 3½ gallons. \$9.50.



## NEW HUDSON PERFECTION Presto Seal

The pump is a separate unit, and is not removed when filling, emptying, or cleaning the tank. It stays securely within the container, safe from all dirt, trash or possibility of damage.

Full 4-gal. Capacity.

Pump of seamless brass tubing. Equipped with 30 inches of discharge hose and 24-inch brass extension rod and adjustable nozzle.

No. 310G. Galvanized tank...\$12.40.



## HUDSON CLIMAX

Compressed-air tank Sprayer. Fitted with our Nu-eez funnel top feature.

Pump of seamless brass tubing, 1½x14 inches. Equipped with 22 inches of discharge hose, 18-inch curved brass extension rod, and brass disc-type adjustable nozzle. (Weight, about 8 lbs.) 3½ gallon capacity.

No. 335G. Galvanized Tank. \$10.00.

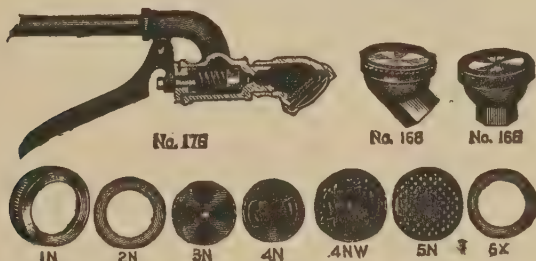
No. 335B. Copper Tank. \$15.20.

No. 191G. Booster, 3 gal. Galvanized Tank, Funnel Top. \$7.20.

## HUDSON LEADER

No. 192G. 3½-gal. Funnel Top. Galvanized Tank. \$8.60.

## HUDSON NOZZLES



No. 176—Perfection Shut-off. \$1.85 each.

No. 168—Fog Nozzle. 80c each.

No. 166—Fog Nozzle. 80c each.

No. 1N—Fog Nozzle Cap. 25c each.

No. 2N—Fog Nozzle Washer. 55c doz.

No. 3NC—Outside Disc, Reg. \$1.05 doz.

No. 3NF—Outside Disc, Fine. \$1.05 doz.

No. 4N—Inside Disc, Reg. \$1.05 doz.

No. 4NC—Inside Disc, for Whitewash. \$1.05 doz.

No. 5N—Screen. \$1.05 doz.

No. 5X—Leather Gasket for Packing Nut. 8c each.

No. 8XD—Shut-off Valve Pin. 25c.

No. 6X—Shut-off Valve Spring. 15c.

## NEW HUDSON 2,4-D SPRAYER

3½ Gallon Compression Sprayer with Boom and Cart

Applying the new miracle weed-killer, 2,4-D, is now easy as walking across your lawn.

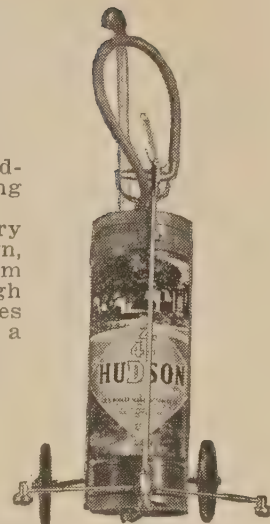
As you roll the cart at ordinary walking speed across your lawn, weed killer from the 3-nozzle boom wets grass and weeds with enough weed-killer to do the job. It takes only about 10 minutes to cover a 50 x 100 foot lawn uniformly.

**Tank:** Heavy copper, securely riveted and soldered. 7¼-inch diameter, 21-inch height. Capacity 3½ gallons.

**Pump:** Seamless brass tubing, with brass air valve.

**Discharge Equipment:** ¾-inch OIL- and CHEMICAL-PROOF spray hose, 24 inches long. All brass control valve which can be locked open for continuous discharge. 21-inch seamless brass extension tube; No. 1B153, 18-inch seamless brass boom with 3 nozzles fitted with discs for flat-fan spray, spaced 9 inches apart. Center nozzle can be attached directly to brass extension tube for single nozzle use in spot or touch-up work.

Price \$20.00

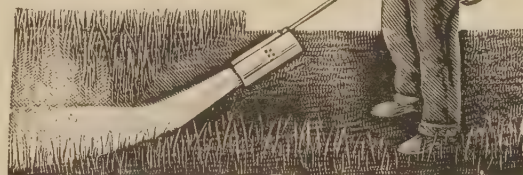


## SMITH FLAME GUN

Destroys Weeds and Brush Easily and Quickly—Very Economical to Use—Saves Time, Money, and Labor. Burns Kerosene, Range Oil, Stove Oil or Light Furnace Oil—Patented Flat Flame of 2000 Degrees F.

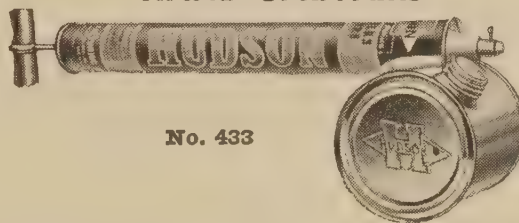
Light, Compact, Portable—  
Weights Only 17 Pounds

Consists of a 4-gallon heavy all-welded (not riveted or soldered) corrugated tank, tested to 100 lbs. made of galvanized steel, equipped with a 2-inch diameter brass air pump conveniently removed from tank for filling tank with fuel. Flat Flame Burner. Over-all length of burner, including control valve, 38½ inches. Average oil consumption, 1 gallon per hour. Price \$24.00.



No. 711—Hudson Flame Burner. \$22.80.

## HAND SPRAYERS



No. 433

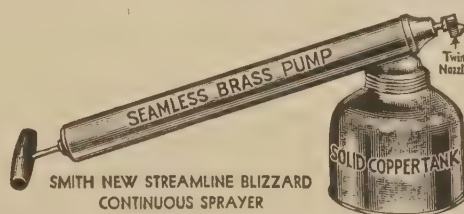
No. 710—Dobbins. 10 oz. 40c.

No. 403—Hudson Misty. Tin, 1 qt. 70c.

No. 431—Hudson Comet Continuous Sprayer. \$1.00.

No. 433—Hudson Mercury Continuous with 2 way adjustment for fine or heavy spray. \$1.20.

## SMITH BLIZZARD SPRAYER



No. 14Q—Solid copper; capacity, 36 ounces (1½-quarts). Price \$3.50.

No. 3T—Smith—1 quart galvanized hand sprayer. 60c ea.

No. 10T—Smith—1 quart continuous galvanized hand sprayer. \$1.25 each.



*Richardson's  
Griffith & Turner's  
Wiseman-Downs'*

## HUDSON SPEEDWAY LEKTRIK SPRAY



No. 305—\$34.95

### Specifications:

**Spray Head** is adjustable and works equally well with paint, enamel, varnish, lacquer or strain.

**Tank** is a specially designed, 24-oz. glass jar, wide mouth.

**Pistol Grip** makes painting easy.

**Air Hose** is four feet long to provide plenty of reach.

**Shut-off Valve**, thumb-operated, permits instant control of the flow of paint.

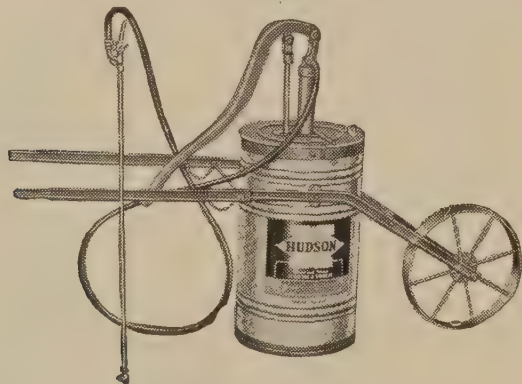
**Switch** is conveniently located for finger-tip control.

**Weighs** less than 4 pounds.

**Motor** is 110-120 Volt universal, operating on either AC or DC. Develops 22 pounds of free air.

**Carrying Strap** is easily adjustable to the convenience of the user.

**Electric Cord**, 10-feet long and rubber-insulated, complete with bayonet type plug.



Sunshine Sprayer

## HUDSON PORTABLE SPRAYERS

### "Sunshine"

**Tank:** Heavy gauge galvanized steel with reinforced top and bottom. 12½-gallon.

**Truck:** Heavy channel steel with shaped handle grip.

**Construction:** Tie rods and bushing through wheel and axle make it very rigid.

**No. 3600**—16 in. wheel, 2 in. tire, 6 ft. ¾ in. spray hose, 3 ft. extension rod.....\$22.00

### "Ideal"

**Tank:** Heavy galvanized steel, reinforced top and bottom with channel iron hoops. Malleable fittings for attaching to the frame.

**Pump:** Regular No. 4A Barrel Pump fitted with non-clogging tubular intake strainer and dasher agitator.

**Construction:** Heavy steel frame tubing, reinforced with channel iron cross braces. Bushing through wheel at hub makes it sturdy and rigid.

**Wheel:** 18 inches in diameter. 2½ in. tire.

**Capacity:** 18 gallons.

**Spray Hose:** 10 ft. ¾-inch high pressure. 3 ft. extension rod.

**No. 3400** .....\$32.80

## MYERS No. R336½B

The Pump is similar to our No. R-318-B fitted with Cog Gear Handle and Dasher Agitator. Equipped complete as shown in illustration, with 15 feet ½-in. 5-ply discharge hose, 8 foot extension rod and Vermorrel nozzle.

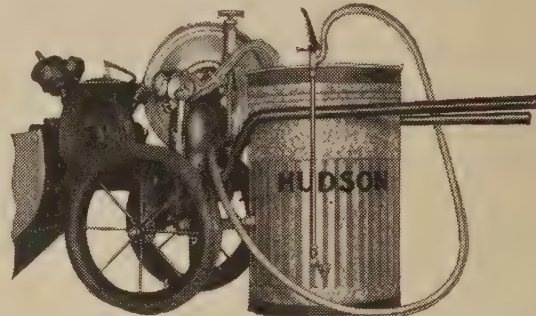
Price \$38.00

## HUDSON POWER SPRAYERS

### Compactness, High Pressure and Portability

Hudson Clipper Power Sprayers are all-purpose power sprayers with almost unlimited applications — agricultural, commercial, industrial. Popular for inside work — in greenhouses, shops, etc. — because of compactness. Small overall dimensions, plus handles that hinge to shorten overall length, permit easy maneuvering in narrow aisles and close quarters. Many uses on farms, nurseries, truck gardens, parks, estates, golf courses for applying insecticides, weed killers, whitewash, cold water paints, disinfectants.

Tank, 15 gallon, heavy gauge galvanized steel, with non-splash covers and drain plug in bottom. Two stage dasher-type agitators with self-cleaning tubular intake screen.



**No. 1544PR Clipper:** 15 gal. tank, 2 g.p.m. discharge at normal operating pressure of 250 lbs. 1 to 1.5 H.P. Lauson 4-cycle air-cooled gasoline engine with guarded belt drive. Furnished with 15 ft. ¾" oil- and chemical-proof and No. 3030 single nozzle adjustable spray gun. Full pneumatic tired wheels (16x4) for easy handling without damage on lawns, parkways, golf courses and soft soils. \$213.00.

**No. 1044A Defender:** 15 gal. tank, 1½ g.p.m. discharge at normal operating pressure of 200 lbs. 2/3 H.P. Briggs and Stratton 4-cycle air-cooled gasoline engine with guarded belt drive. Semi-pneumatic tired 16 x 2 wheel. Furnished with 10 ft. ¾" high pressure oil- and chemical-proof spray hose and No. 3030 single nozzle adjustable spray gun. \$174.00.



## MYER'S PERFECT-FOG SPRAY GUNS

**No. 36**—Triple Spray Gun with hose swivel (as shown) .....\$16.50

**No. 32A**—Two Nozzle Spray Gun with hose swivel. 14.50

**No. 13**—Myers Spray Gun with hose swivel..... 11.25

## POWER SPRAY HOSE

Spray Hose, 50 ft. lengths, ½ in. Meyers High Pressure, fitted with couplings.....\$26.00

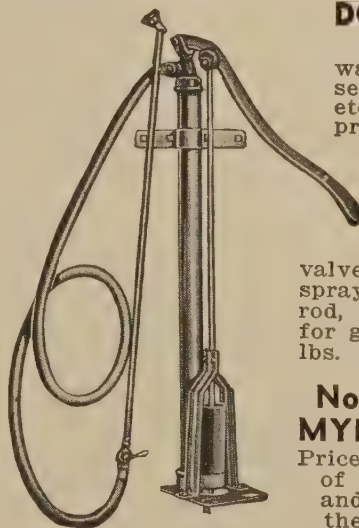
## DOBBINS BARREL PUMP

Adapted for whitewash, cold-water paints, agricultural insecticides, caustic mixtures, etc. Develops up to 200 pounds pressure.

**No. 3160**—1¾ x 6 in. pump cylinder, seamless brass tubing; 2 x 30 in. air chamber, seamless steel tubing; bronze ball valves; 8 ft. ¾ in. high pressure spray hose; 3 ft. brass extension rod, brass spray nozzle adapted for general purposes, wt. each 25 lbs. \$17.20 each.

## No. R-318-B MYERS PUMP

Price with one lead of 15-foot hose and nozzle, less the barrel. \$25.00  
Pipe extension with lever shut-off, 8 ft. ...\$2.80



## LEVER BUCKET SPRAY PUMPS

**No. R324** represents the Myers Lever Bucket Spray Pump, made of brass and fitted with brass valves and patented agitator.

Price, plain .....\$11.30  
Add for 8 foot extension rod..... 1.45

ALL PRICES SUBJECT TO CHANGE



# DUSTERS

## STAUFFER DUSTER

### How the Hudson Stauffer Duster Works

You fill the duster (it's easy with the built-in scoop) . . . sling it on your back . . . adjust the feed lever to desired discharge rate. Then simply pump the lever with the right hand, as you direct the dust discharge from the tube in your left hand. That's all—it's simple, easy, convenient. The Hudson Stauffer Knapsack Duster is a bellows-type duster—very little effort produces a good volume of dust—always under perfect control as an intermittent puff or a nearly continuous blast.

No. 1A .....\$29.95



## DUSTMASTER DUSTER

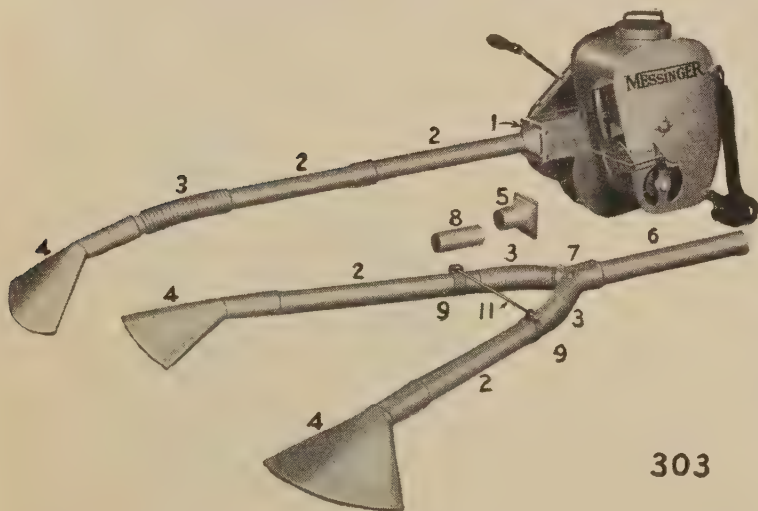


No. 36D Dustmaster Duster \$1.40



No. 766 Admiral.....\$1.50

## MESSINGER HAND DUSTER

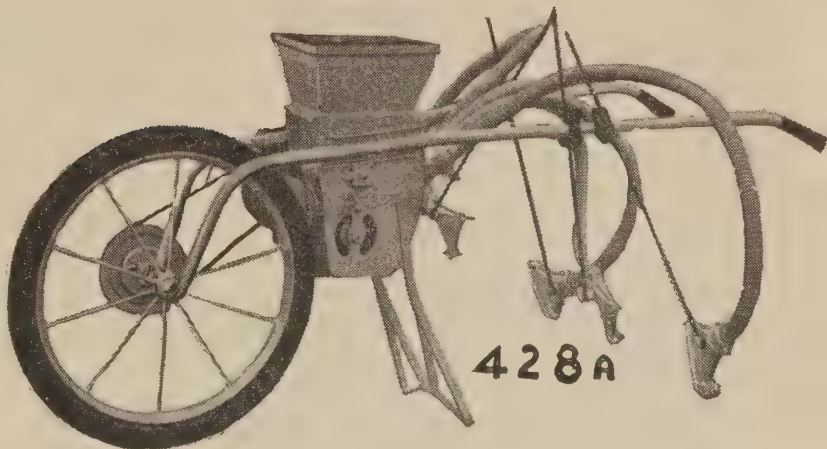


303

Made of heavy gauge copper bearing sheet steel and will resist rust and corrosion. The fan and feeder are made of aluminum. Has an adjustable feed gauge to control the amount of dust. Can be used as single or double row duster.

No. H2—Double Duster .....\$27.50

## HT and H24 TRACTION WHEELBARROW DUSTERS



428A

Cut 428A shows HT2 two row Duster with one nozzle to the row. Also furnished HT4, two row, two nozzles per row.

The nozzles are adjustable for low, medium and high crops.

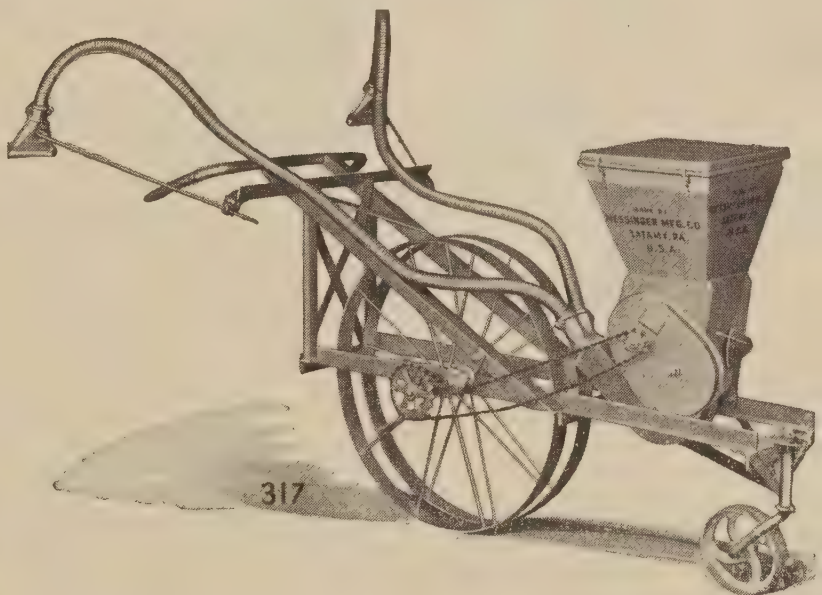
The power to operate Duster Blower Unit is transmitted from the wheel through a ratchet pulley via a "V" belt to a "V" pulley on shaft in a grease tight gear case mounted on side of Duster Blower Unit.

Duster shown in Cut 428A is equipped with a pneumatic tired wheel.

### Two Row, One Nozzle to the Row

HT2WP—Pneumatic Tire, Whirlpool Nozzle.....\$70.00

## MODEL "S" DUSTERS



317

No. SH-2—Texas Junior, two row, 1 nozzle per row, 1 horse, traction driven Duster. Also furnished 2 nozzles per row as No. SH-4.

Here is a duster that every tobacco grower should have; for dusting Paris Green, Arsenate Lead or any other powdered insecticide on plants for the extermination of tobacco worms. This is a traction duster and can be equipped with two or four nozzles, for dusting high or low plants. The duster is made of heavy gauge copper bearing sheet steel. Copper bearing steel is used for rust and corrosion resistance. The fan and feeder are made of cast aluminum. The hopper has a capacity of about 30 pounds of dust. The duster is equipped with ball and roller bearings and alemite lubricating system.

No. SH-4V .....\$90.00  
SH2WP—2 Row, 1 Whirlpool Nozzle.....Per Row 90.00

## TRACTOR DUSTER

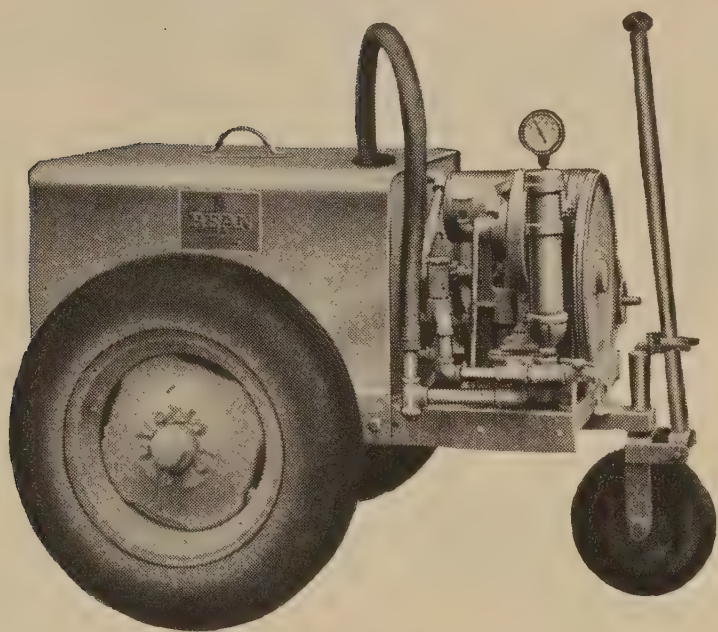
Model O—Dusters mounted directly on tractor must be for particular make, model and year of tractor and are not interchangeable. Write for Circular and Prices.

ALL PRICES SUBJECT TO CHANGE



## SPRAYING EQUIPMENT--Continued

### JOHN BEAN FARM PROTECTOR



Model 4-E is the "handy" sprayer for farms, estates, home orchards and gardens. It is ideal for applying DDT, whitewashing, spray painting, weed control, and dozens of other uses.

#### SPECIFICATIONS

**PUMP**—Bean No. 64 Junior Duplex. Porcelain-lined cylinders, guided plungers, adjustable pressure regulator.

**CAPACITY**—4 gallons a minute at 400-lbs. pressure.

**TANK**—50-gallon all-steel leak proof and corrosion resistant.

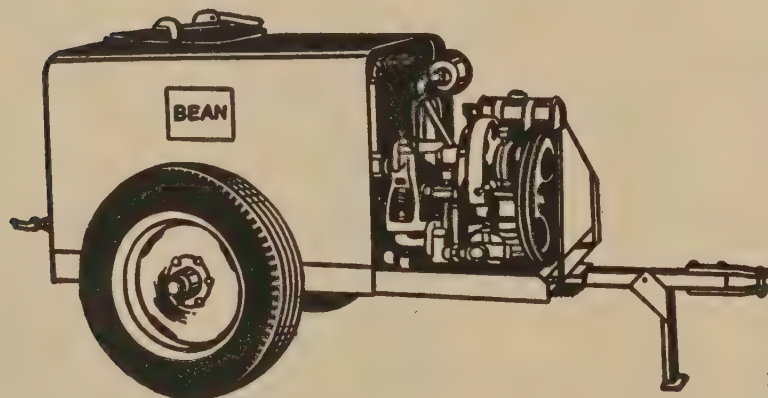
**FRAME**—All-steel, electric welded to tank and axle supports.

**WHEELS**—Timken Roller Bearings for 16 x 600 pneumatic tires. Rear tires not included in price, but can be supplied. Front wheel, 5 x 3.00, tire included in price.

**DIMENSIONS**—Length, 53½". Height, 33½". Width 41". Tread, 35". Clearance, 11½".

No. 4E—F.O.B. Baltimore .....\$423.50  
No. 4A on skids—F.O.B. Baltimore..... 380.00

### JOHN BEAN POWER SPRAYER—MODEL 4806-T



#### SPECIFICATIONS

**PUMP**—Bean No. 66 Little Giant Duplex. Porcelain-lined cylinders, guided plungers, adjustable regulator.

**CAPACITY**—7 gallons a minute at 400-lbs. pressure.

**TANK**—150-gallon, all-steel, leak-proof and corrosion resistant.

**FRAME**—All-steel, electric welded to tank and axle supports.

**WHEELS**—Timken Tapered Roller Bearing for 16 x 6.00 pneumatic tires. Tires not included in price but can be supplied.

**DIMENSIONS**—Length, less drawbar, 65". Height, 42". Width, 51". Tread, 45". Clearance, 10".

No. 4806-T—F.O.B. Baltimore.....\$640.00

Write for Prices on Larger Models

### JOHN BEAN GREENHOUSE SPRAYER—MODEL 4-G

Especially designed for greenhouse spraying, Model 4-G features lightness and compactness. Easy to maneuver down the narrow aisles of greenhouses, this sturdy sprayer has the capacity and performance of much larger outfits.

#### SPECIFICATIONS

**PUMP**—Bean No. 64 Junior Duplex. Porcelain-lined valves, guided plungers, adjustable pressure regulator.

**CAPACITY**—3 gallons a minute at 300 lbs. pressure.

**TANK**—30-gallon, all-steel, leak-proof, corrosion-resistant.

**FRAME**—All-steel, electric welded to tank and axle supports.

**WHEELS**—10" steel wheels with solid rubber tires.

**POWER**—¾ H.P. single-phase, 110-volt electric motor.\*

**DIMENSIONS**—Length, 27". Height, 40". Width, 18".

**WEIGHT**—Net, 225 lbs. Shipping, 350 lbs.

\* Model 4-G can be equipped with an air-cooled Briggs and Stratton 1½ H.P. gasoline engine at extra cost. Capacity—4 gallons a minute at 400 lbs.

No. 4-G with Electric Motor—F.O.B. Baltimore, Md...\$266.00

No. 4-G with Gasoline Engine—F.O.B. Baltimore, Md... 291.00

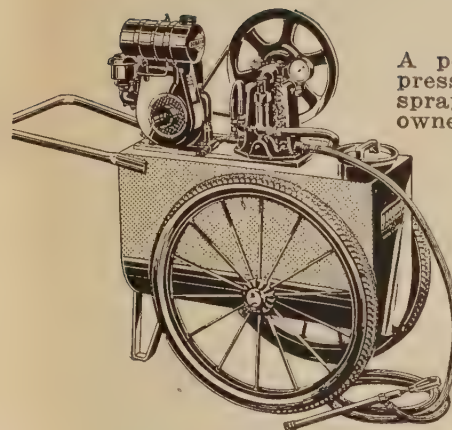




## SPRAYING EQUIPMENT - - Continued

### DOBBINS POWER SPRAYER

*Richardson's  
Griffith & Turner's  
Wiseman-Downs'*



**No. 4240R**

**Discharge Equipment:** 12½ ft. of ½ in. high pressure hose with No. 3194 adjustable spray gun.

**No. 4240R**—1½ HP engine, 26 in. x 2½ in. rubber wheels, weight 180 lbs. **Price**.....\$185.00 F.O.B. Baltimore

**No. 4240**—1½ HP engine, 28 in x 2½ in steel wheels, weight 187 lbs. **Price**.....\$174.00 F.O.B. Baltimore

A portable light weight, high pressure sprayer to handle all spray jobs for the individual owner and small grower. Only 19 in. wide permitting easy access to narrow passages.

**Discharge:** 1½ gallons per minute at 250 lbs. pressure.

**Tank:** 25-gallon. Heavy steel. Removable strainer.

**Pump:** No. 419P. All brass with stainless steel ball type valves, stainless steel piston large air chamber, adjustable relief valve and pressure gauge.

**Agitator:** Patented gear driven—impeller type.

#### **No. 3260R 3 GPM**

**Pump**—High pressure sprayers recommended for estates, small orchards, dairy barn and cattle spraying, and landscape gardeners. Handle all insecticides, fungicides, weed control chemicals, DDT solutions and whitewash.

**Pump:** No. 3197. 3 GPM at 300 lbs. pressure. Double cylinder.

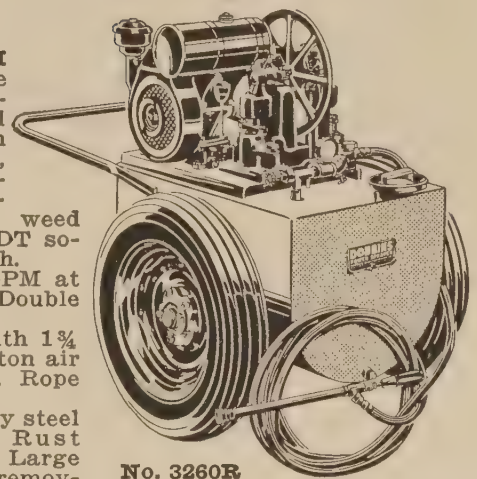
**Power:** Furnished with 1¼ HP Briggs and Stratton air cooled 4 cycle engine. Rope starter.

**Tank:** 50-gallon, heavy steel securely welded. Rust proofed on inside. Large filler opening with removable strainer. Drain plug in bottom.

**Discharge equipment:** 25 ft. of ½ in. high pressure spray hose and No. 3198 adjustable spray gun.

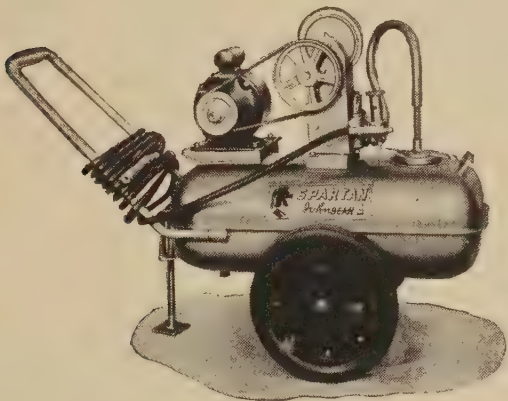
**Dimensions:** Height, 46 in. Length overall, 50 in. Width overall with rubber tires, 35 in. With steel wheels, 30 in. Tank width 22 in. Tank length 32 in.

**No. 3260R Dobbins Power Sprayer.** Disc wheels with roller bearings. 5:50 x 16 pneumatic tires. Shipping weight 405 lbs.....\$330.00 F.O.B. Baltimore



**No. 3260R**

### JOHN BEAN SPARTAN



The SPARTAN will handle every medium capacity spraying job. It rids your premises of flies, mosquitos and insect pests in buildings . . . trees, flowers, shrubbery and vegetables . . . on livestock. Controls weeds, fights fires, if necessary.

The SPARTAN, due to its compact construction, can be used in small areas and greenhouses, where space is limited. Overall dimensions: Length 48¾ inches. Height 32¼ inches. Width 20 inches. Weight 118 lbs.

#### **GASOLINE OR ELECTRIC POWER**

If you desire, and have the necessary "plug-in" outlets, the SPARTAN sprayer can be furnished with electric motors of either ⅓ or ½ h.p. single phase, 110 volt. The ⅓ h.p. motor is optional and provides approximately 2 G.P.M. at 200 lbs. pressure. The ½ h.p. costs slightly more and has about 3 G.P.M. at the same pressure.

**15 Gallon Tank.** All Steel, welded, corrosion resistant.

**Hose Rack Handle.** Makes moving or storing hose easy. Handle is removable.

**Defender Spray Gun.** Gives Complete range of spray for each spraying job.

**John Bean Pump.** 3 gallons per minute output at 10 to 200 lbs. pressure.

**Pressure Control Valve.** One turn increases or decreases pressure by 35 lbs.

**Tank Gauge.** Calibrated tube of pump feed indicates exact contents.

**Special Lift Handle.** Convenient for putting Spartan in car trunk, on truck, trailer or platform.

**Jet Agitation.** Constant swirl keeps mixture in solution.

**Model 3**—With gasoline motor, 3 G.P.M. at 250 lbs. pressure .....\$178.00

**Model 2**—⅓ h.p. electric motor..... 163.00

**Model 3**—½ h.p. electric motor..... 183.00

### STORE TRUCKS



**No. 100X**

No.	Length Handles, in.	Width Nose, in.	Length Nose in.	Approximate Weight, lbs.	Iron Wheel	Molded on Rubber Wheel
100X	47	12	4¾	22	\$12.75	\$21.75
214	46	12	3½	27	15.00	24.00
218	42	11¼	9	32	16.50	25.50
<b>FULL STRAPPED TRUCKS</b>						
272-A1	48	13	5½	44	\$18.00	\$24.50
272-A2	51	14	6½	60	21.50	29.00
272-A3	54	15	7¼	75	22.00	30.00
272-A4	60	16	7¼	96	27.00	39.50



## GARDEN AND FARM BARROWS

Made of seasoned wood. Removable sides. Attractively painted. Strong. Neat and durable.

No. 5 Garden Barrows are light in weight, exceptionally strong and are properly balanced. The frames are made of hardwood with three cross braces mortised in the handles. These well-built, moderately priced barrows, will give the user long and satisfactory service.

Body length 26 1/4". Width front 19". Width rear 22 1/2". Depth 12".

No. 5—With 18" Steel Wheel.....\$12.15

No. 5—With Semi-pneumatic Tire.....15.90

No. 5—With Pneumatic Tire.....21.60

No. 10—Body 26 1/2" long. Front width 18 1/4". Rear width 23 1/2". Depth 10 1/2".

16" Steel Wheel.....\$8.40

No. 3—Garden Barrows. Exterior (weatherproof) plywood. Body length 26 1/2".

Width front 18". Width rear 23 1/2". Depth 10 1/2".

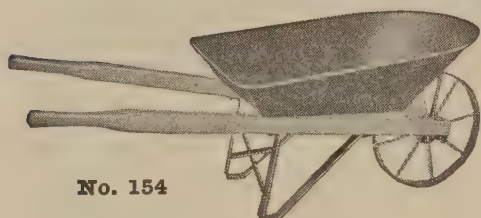
No. 3—With 16" Steel Wheel.....\$10.65

No. 3—With Pneumatic Tire and Roller Bearings.....21.60



No. 3

## STEEL TRAY, WOOD FRAME BARROWS



No. 154

Pressed trays with reinforced edges. Handles are made of hard wood smoothly finished on all sides.

All steel trays pressed from heavy gauge sheet steel with wired edges. Tubular frame.

No. T-8, capacity 6 cubic feet heaped, \$13.85

No. 154—Round front—4 cu. ft. steel wheel.....\$13.70

No. 154—With Pneumatic Tire.....24.20

No. 174—Square front—4 cu. ft. steel wheel.....13.70

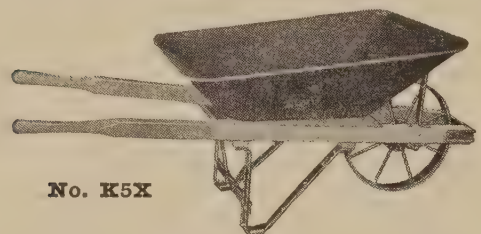
No. 174—With Pneumatic Tire.....24.20

## METAL BARROWS



No. T-8

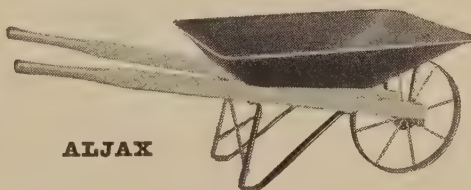
No. T-8—With Pneumatic Tire.....\$23.35



No. K5X

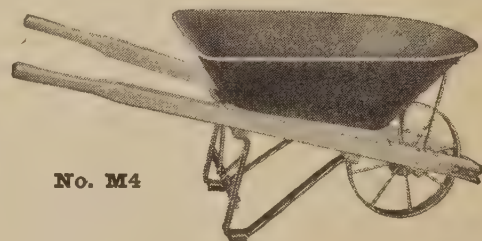
No. K5X—Square front — 4 cu. ft. steel wheel.....\$10.50

No. K5X—With Pneumatic Tire 19.95



ALJAX

ALJAX—Aluminum tray. 3 cu. ft. \$11.00



No. M4

No. M4—4 cu. ft. capacity....\$12.75

No. M4—With Pneumatic Tire. 22.50

## DRAG SCRAPERS



No. 155—Contractor's Barrow.

\$15.70

No. 155 — Contractor's Barrow.

Round front, 5 cu. ft. Pneumatic Tire.....\$26.00

Made of heavy steel plates and are cut from a single sheet pressed cold, lapped and riveted at the corners.

No.	Capacity	Length	Width	Depth	Weight	Price
3	3 cu. ft.	29 in.	27 1/2 in.	18 1/2 in.	65 lbs.	\$11.25
2	5 cu. ft.	31 in.	28 in.	10 1/2 in.	75 lbs.	12.75
1	7 cu. ft.	32 1/2 in.	31 in.	11 1/2 in.	83 lbs.	13.70

## MCGUIRE'S BAMBOO LAWN RAKE

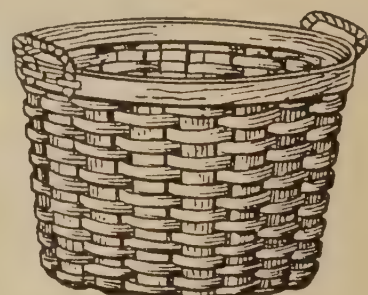


"METAL-GRIP" WHICH PLACES EVERY TOOTH ON THE GROUND WHEN HELD AT NORMAL ANGLE.

SPIRAL WHICH LINKS TEETH TOGETHER WITHOUT RESTRICTING FLEXIBILITY.

CONSTRUCTED IN U. S. A.

18 inch	.....\$1.50
24 inch	.....2.00
30 inch	.....2.75



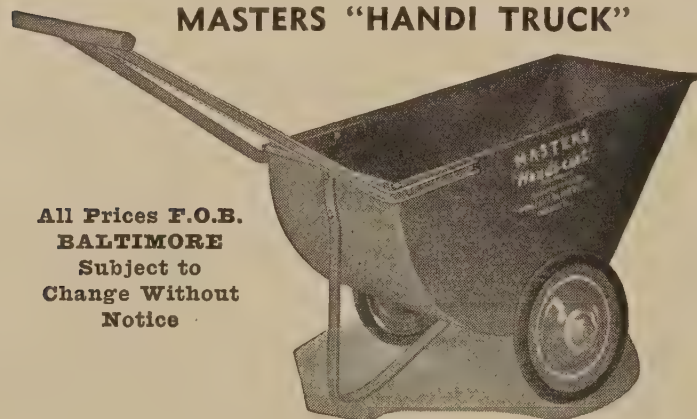
## BASKETS SPLIT OAK

Iron-bound, Rope Handles

1 bu.	.....\$2.15
1 1/2 bu.	.....2.40
2 bu.	.....3.00
3 bu.	.....4.00

Note. Above baskets are Reinforced Iron Bound.

## MASTERS "HANDI TRUCK"



All Prices F.O.B. BALTIMORE Subject to Change Without Notice

No. 18-S—3 cu. ft. capacity. Shipping wgt. 24 lbs.	...\$ 9.95
No. 20-D—3 1/2 cu. ft. capacity. Shipping wgt. 30 lbs.	...11.75
Milcor Cart. 2 3/4 cu. ft.	.....8.50

All Prices FOB Baltimore Subject To Change Without Notice



### CYCLONE SEED SOWER

A seed sower any farmer can afford. The most accurate, most convenient to operate and most economical machine for sowing Clover, Timothy, Alfalfa and all other farm seeds that can be sown broadcast. It runs easily and will distribute any desired quantity of seed per acre.

Price \$3.75



### LAWNETTE PLANT FOOD and LAWN SEED SPREADERS

#### WHY IS LAWNETTE a favorite with buyers?

Because it looks modern and is modern — redesigned for today by industrial stylists.

Because it has so many design and engineering features not found in any other spreader at any price.

Because it is light and easy to handle — sturdy and long lasting—built in a range of models and sizes for every lawn—yet priced to compete with other spreaders offering far less.

Patented measured forced feed, with seven dial settings for accurately measured feeding.

Patented scatterboard, assuring perfect distribution of seed or food.

Direct lever action giving fingertip feed control located just below the handle grip.

Welded hopper of automobile body steel — rust and corrosion resisting paint — and cadmium plated metal work (another exclusive).

Capacity just right for the average lawn—priced just right for the average purse.

All models below with rubber tires.

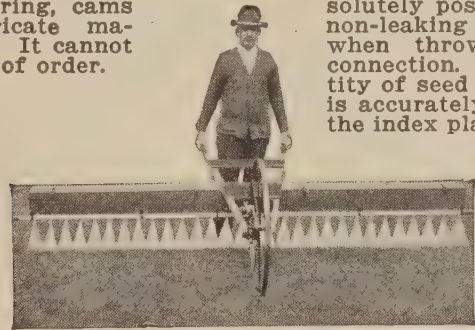
Model	Spread	Capacity	Covers	Price
15 AR	16"	20 lbs.	500 sq. ft.	\$ 6.85
115 AR	16"	40 lbs.	1000 sq. ft.	10.25
215 R	24"	75 lbs.	1800 sq. ft.	27.95
315 R	36"	115 lbs.	2700 sq. ft.	34.65

### THOMPSON'S CLOVER AND GRASS SEEDER "Chain Feed"

Sows 14 to 16 Feet Wide, Any Amount Desired Per Acre.  
Will Sow 20 to 25 Acres Per Day.

This Grass Seeder is simple, without gearing, cams or intricate machinery. It cannot get out of order.

Perfection feed is attained in making it absolutely positive, yet a non-leaking carrier, when thrown out of connection. The quantity of seed to the acre is accurately shown by the index plate.



No. 11—Single Hopper Seeder. Capacity 1 to 24 quarts per acre. Sows all small seeds like Clover, Timothy and Alfalfa.

No. 12—Double Hopper Seeder. Capacity 1 to 96 quarts per acre. Sows all small seeds like Clover, Timothy, Alfalfa and also chaffy seeds like Red Top, Orchard Grass and Clean Blue Grass.

#### Prices:

No. 11—Single Hopper, 14 feet long.....	\$48.50
No. 11—Single Hopper, 16 feet long.....	51.00
No. 12—Double Hopper, 14 feet long.....	54.50
No. 12—Double Hopper, 16 feet long.....	58.50

### THOMPSON UNIVERSAL DISTRIBUTORS

(Sows all types of seeds, grains & fertilizers)

No. 101—10 foot Universal Distributor with Hinged Cover .....\$76.00



### LIGHTNING SEED SOWER

Will spread seed evenly from 30 to 40 feet. Method of sowing is by swinging tube in horizontal position from right to left which closely resembles the old method by hand. Gives control over seed on a circle of 8 feet before it leaves the tube and the wind has no chance to blow seed into bunches before it strikes the ground.

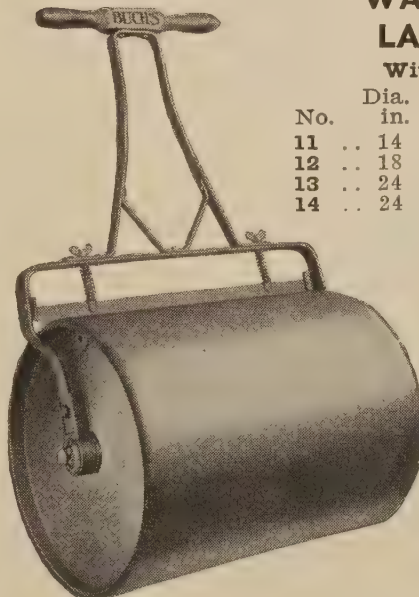
Cheap, durable, weighs only 12 ozs. Simple; no repairs. Will sow 60 acres per day of Clover, Timothy, Millet, Alfalfa, Flax, etc.

Price \$1.25. Parcel Post weight, 1 lb.

### WATER BALLAST LAWN ROLLER

With Roller Bearing

No.	Dia. in.	Len. in.	Weight Emp.	Weight Filled	Price
11	14	24	70	175	\$13.00
12	18	24	85	265	15.75
13	24	24	110	440	18.75
14	24	32	135	582	23.60



Lawns should be rolled early after final spring thawing.



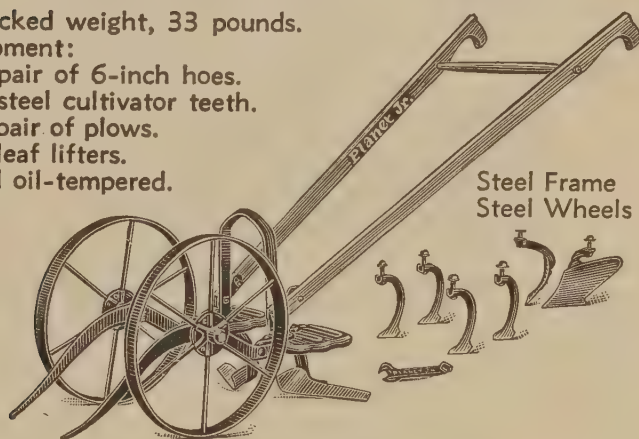
# PLANET JR. HAND WHEEL HOES AND GARDEN PLOWS

## No. 12 PLANET JR. DOUBLE AND SINGLE-WHEEL HOE COMBINED

Packed weight, 33 pounds.

Equipment:

- 1 pair of 6-inch hoes.
- 4 steel cultivator teeth.
- 1 pair of plows.
- 2 leaf lifters.
- All oil-tempered.



The No. 12 is the most popular Double-Wheel Hoe. It can be used by man, woman or boy. It is identical with No. 11, except that the 4½-inch hoes and the rakes are omitted from the equipment, and it is sold at a correspondingly less price. The attachments with it are what gardeners use most, and the short hoes, rakes and any of the attachments can be added at any time. You'll be astonished how easy it is to save time, labor, money and get bigger crops if you use it. **Price \$17.25.**

No. 11—The same as above except that it has one pair 4½-inch hoes, two 3-tooth rakes and two 5-tooth rakes, in addition. **Price \$21.95.**

No. 13—Is constructed the same as the No. 12 (shown above) but has for the equipment one pair 6-inch hoes only. **Price \$13.25.**

## No. 19 PLANET JR. GARDEN PLOW AND CULTIVATOR

Weight, 21 pounds.

Equipment:

- 1 2-inch cultivating tooth.
- 1 10-inch sweep.
- 1 plow.



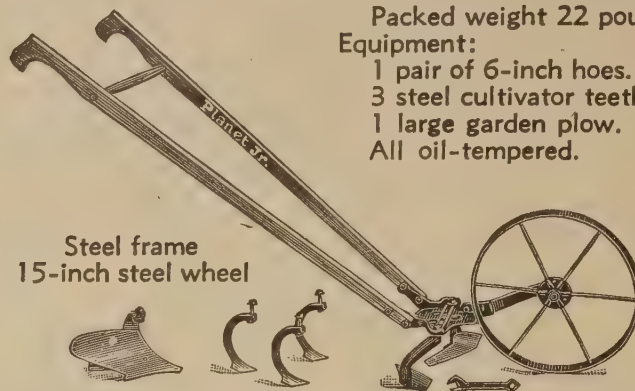
No. 19—This attractive implement is especially designed for the farmer's garden work, though it offers to every one with either field or garden a cheap and effective tool for wheel-hoe operations. The standard is slotted for depth regulation, and an adjustable piece carries any of the attachments that go with the machine. The cultivating tooth does deep work and marks out rows for onion sets, plants, etc. The sweep is fine for level shallow work. **Price \$7.70.**

## No. 17 PLANET JR. SINGLE-WHEEL HOE

Packed weight 22 pounds.

Equipment:

- 1 pair of 6-inch hoes.
- 3 steel cultivator teeth.
- 1 large garden plow.
- All oil-tempered.



Steel frame  
15-inch steel wheel

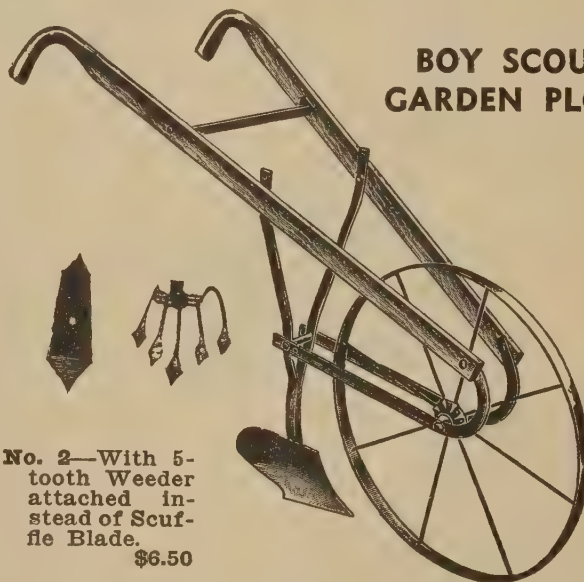
No. 17. The three sets of attachments which go with it are all the finest of their kind, and make an outfit sufficient for most garden work. You can do more and better work with it in one day that you can do in several days with the old-fashioned hand hoe. The hoes exchange sides to work to or from the row, and change of wheel regulates the depth. The hoes are constantly useful throughout the season. The cultivating teeth are oil-tempered and work admirably, are changeable for pitch and are useful for marking out rows. **Price \$11.95.**

No. 16—The same as above except in equipment, which includes one pair 6-inch hoes. Three cultivator teeth. One large garden plow. One 7-inch rake. One 4-inch rake. One leaf guard. **Price \$13.65.**

No. 17½—Same as No. 17—but without the plow. **Price \$10.60.**

No. 18—Same as the No. 17—but equipment consists of one pair of 6-inch hoes only. **Price \$9.25.**

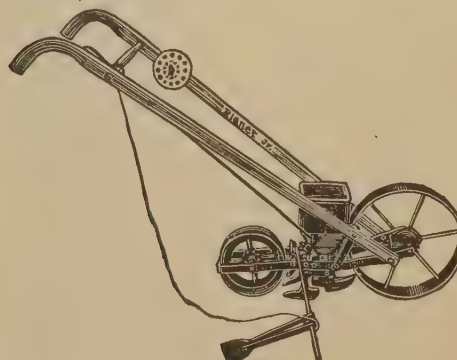
## BOY SCOUT GARDEN PLOW



No. 2—With 5-tooth Weeder attached instead of Scuffle Blade. **\$6.50**

## PLANET JR. SEEDERS

No. 300 Seeder—Will plant any vegetable seed from the smallest up to the bush lima beans. There are three plates with a total of 39 holes, giving ample adjustments for any variety of seed. You can change from one hole to another in five seconds, and from one plate to another in thirty-five. Capacity of hopper 4 quarts. Front wheel 15 inches in diameter, 2½ inch tread. Rear wheel 11¼ inches in diameter, 2½-inch tread. **Price \$30.25.**

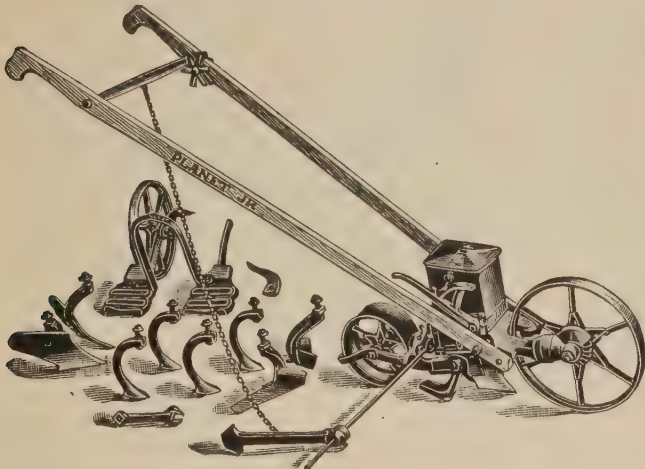


No. 300A—The same as No. 300 except that it has a concave rear wheel instead of the flat faced wheel. **Price \$30.25.**



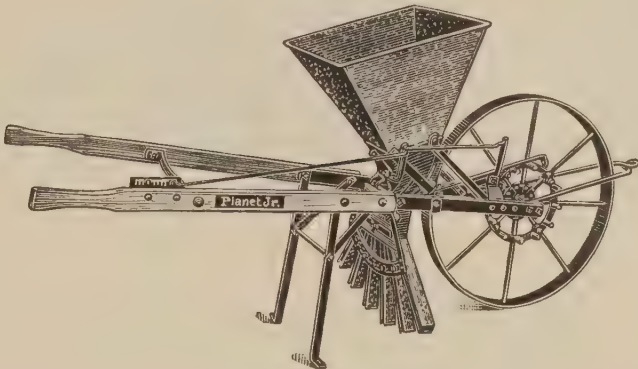
No. 25 PLANET JR. COMBINED HILL AND  
 DRILL SEEDER, DOUBLE-WHEEL HOE,  
 CULTIVATOR AND PLOW

Richardson's  
 Griffith & Turner's  
 Wiseman-Downs'



In can be used as a drill and is almost identical with the "Planet Jr." No. 4. It is thoroughly substantial and accurate in sowing all kinds of garden seeds in hills or drills. It has 11¼-inch wheels, and the hopper holds 2½ quarts. As a wheel hoe it is identical with the "Planet Jr." No. 12 Double-Wheel Hoe, the very best machine on the market. It takes but a moment to change from drill to wheel hoe. Price \$33.95.

No. 220 PLANET JR. FERTILIZER  
 DISTRIBUTOR



The No. 220 will distribute fertilizer in the middles of three rows 12 to 14 inches apart; it will side-dress one side each of two rows up to 36 inches apart. You can use it in very narrow rows—as close as 9 inches. You can use it in 42 to 48-inch rows by closing off the flow in three spouts and distributing through the other three—either on the right or left hand side. It spreads fertilizer from 4 to 30 inches on the ground. The hopper capacity is one bushel. Will distribute 100 to 2,000 pounds of commercial fertilizer to the acre. Price \$41.75.

PLANET JR. No. 4 COMBINED SEED DRILL  
 SINGLE-WHEEL HOE, CULTIVATOR  
 AND PLOW

This is the most popular combined tool made. It combines in a single implement a first-class hill-dropping seeder, a single-wheel hoe or weeder, a cultivator and a plow. The hopper holds 2½ quarts of seed, which can be sown in continuous rows or dropped in hills at 4, 6, 8, 12 or 24 inches apart. Capacity of hopper, 2½ quarts. The drill is detached and the tool frame substituted by removing but one bolt.

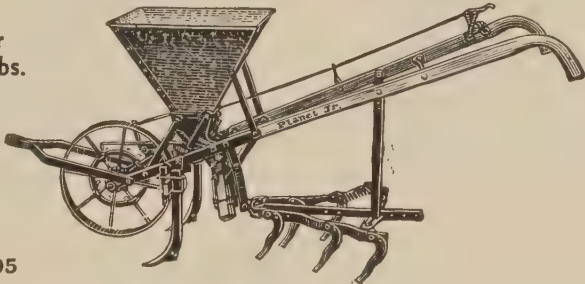
Price, complete .....\$27.95  
 No. 4-D Plain Seeder..... 22.35

PLANET JR. FIVE-TOOTH WEEDER  
 ATTACHMENT

Can be attached to any of the garden plows. \$2.00 each.

PLANET JR. No. 230 DISTRIBUTOR  
 AND CULTIVATOR

Capacity  
 of Hopper  
 90 to 100 lbs.



No. 230  
 Price \$59.95

Side Dress and Cultivate in One Operation

A new and highly recommended method of applying fertilizer to growing crops is to distribute it uniformly on the ground between the rows and to then cultivate it thoroughly into the soil. This insures all the feeder roots growing in the middle of the row getting their share of food. Cultivator closes to 12 inches: Opens to 21.

PLANET JR. ATTACHMENTS FOR HAND MACHINES

	Lb.	Oz.	Price
3" S100/1 Hoes (5345/6) Steels...pair	1	12	\$1.60
4½" S100/1 Hoes (4059/60) Steels...pair	1	13	1.60
6" S100/1 Hoes (4061/62) Steels...pair	1	14	1.75
7½" S100/1 Hoes (4802/3) Steels...pair	2	3	2.00
9" S100/1 Hoes (4804/5) Steels...pair	2	4	2.20
Muck Hoes, S100/1.....pair	2	4	2.40
Disc Hoes, 3550X/3551X.....pair	5	7	4.95
Disc Hoes, 5316X/17X.....pair	3	13	3.30
3-Prong Cult. Teeth S42/3.....pair	2	8	2.00
Cultivator Teeth, No. 1395.....		7	.50
Narrow Cultivator Teeth, No. 2775.....		7	.50
Rakes, Three Tooth S24...per pair.....	1	9	1.30
Rakes, Five Tooth S25...per pair.....	2	2	2.00
Rakes, Seven Tooth S26...per pair.....	3	1	2.65
No. 1696 Cultivator Tooth.....		9	.31
No. 1697 Cultivator Tooth.....		4	.20
No. 1704 Plow.....		13	.55
No. 3999 10-inch Sweep.....		13	.60
Reversible Scuffle Blade (4557x).....	2	6	1.30
8" Wheel Hoe Sweep with S-81 Std.....	1	3	1.00
Plows for Dbl. Wheel Hoes M5/N5 pair	2	6	1.85
1096 Plow Steel.....		12	.70
S37 Standard.....	1	8	.80

	Lb.	Oz.	Price
Plows for Sgl. Wheel Hoes, R6.....each	2	5	\$1.55
Double Moldboard Plows, 4678x.....	2	7	2.20
5-Prong Cultivator (s-94) Attach.....	1	6	1.15
No. 7563x Five Tooth Weeder.....	2	6	2.00
Pulverizer 7730x.....each	3	1	2.35
Onion Harvester, 8-inch 817x.....	1	13	2.35
Handles.....per pair....	3	12	2.75
Handles (Bent).....per pair....	4	12	2.75
No. 5430 Wrench.....		2	.14
No. 3 Wrench.....		5	.20
No. 4 Wrench.....		5	.45

IMPORTANT

When ordering parts for your Implements, be sure and give the correct number of the parts you need.  
 What make and style tool is it? If a plow, is it right or left hand, is it steel or wood beam?  
 Know what you want—DON'T GUESS—be sure, and we can all save a lot of valuable time.

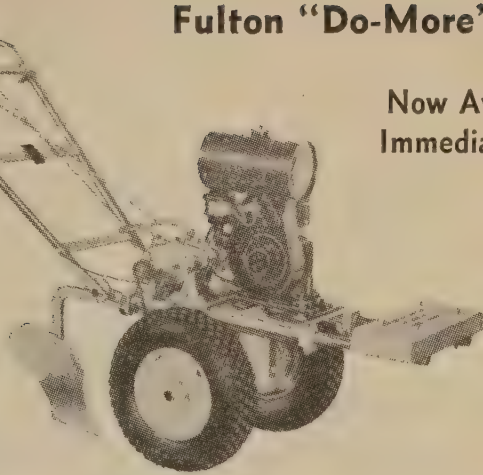
PRICES SUBJECT TO CHANGE WITHOUT NOTICE



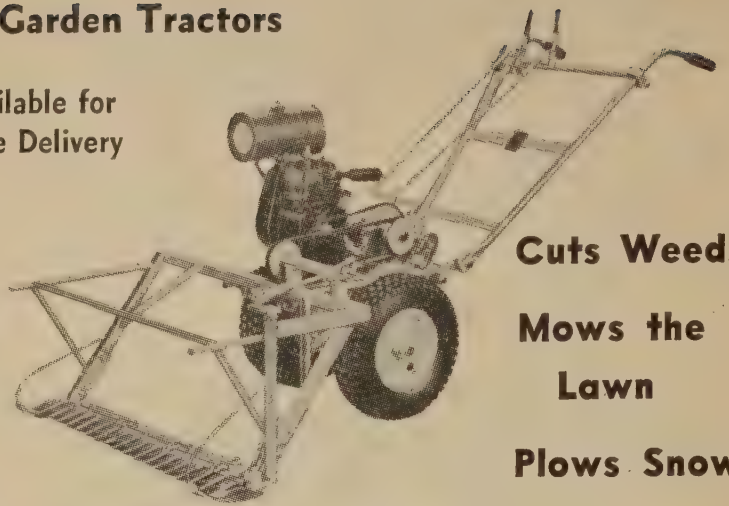
## Fulton "Do-More" Garden Tractors

Now Available for  
Immediate Delivery

**Plows**  
**Discs**  
**Cultivates**



**Cuts Weeds**  
**Mows the  
Lawn**  
**Plows Snow**



### Powerful 3 H. P. Tractor

Does all the jobs for your Country estate  
... Small farm ... Truck garden

Tractor only, Model 36 C.F.....\$323.00

An all-purpose machine with attachments for use all the year around. See this Garden Tractor Before You Buy Any Tractor. Write or Phone for latest picture literature. Come in and see our display.

All These Attachments Available Now.

### 7" MOLDBOARD PLOW

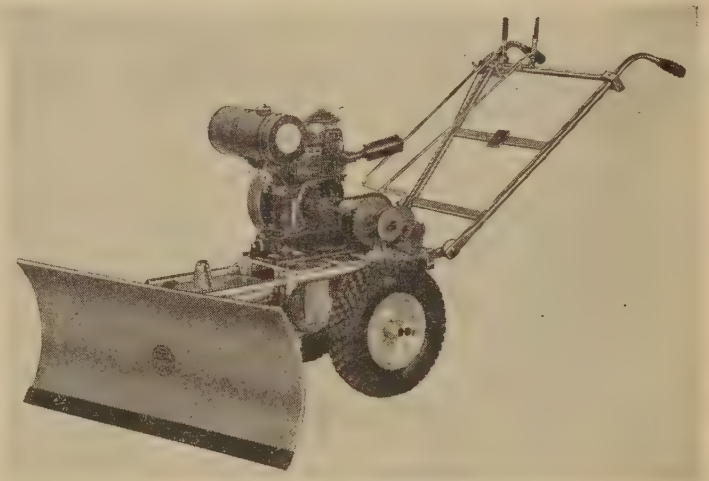
With rolling coulter. Adjustable plow weight.....\$30.50  
Universal Hitch for all Garden Attachments..... 13.00

### 6-TOOTH CULTIVATOR

Swivel action. High standards. Reversible steels...\$37.00  
Single Tool Cultivator Frame with Tool..... 9.00  
18-Tooth Spike Harrow..... 29.00

### DISC HARROWS

6-Blade Disc Set.....\$32.00  
8-Blade Disc Set..... 38.00  
11" Diameter Blades—Reversible



Snow Plow or Bull Dozer

### 36" FRONT CUT SICKLE MOWER

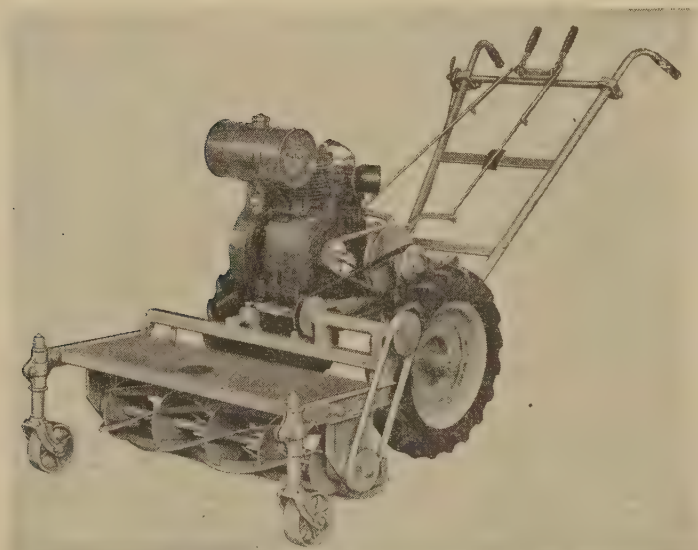
For cutting grass, hay or weeds.....\$94.00

Hay rake with sulky.....\$74.50  
Riding sulky for operator..... 51.35  
Dump cart with brake..... 90.00  
Snow plow and bulldozer.....51.95

### LAWN MOWER ATTACHMENTS

The 36" front cut sickle bar mowers, and the 30" lawn mower, will be equipped with a swivel hitch, which is a decided improvement over last years model. These units will follow the contour of the ground, and will trail positively over uneven ground.

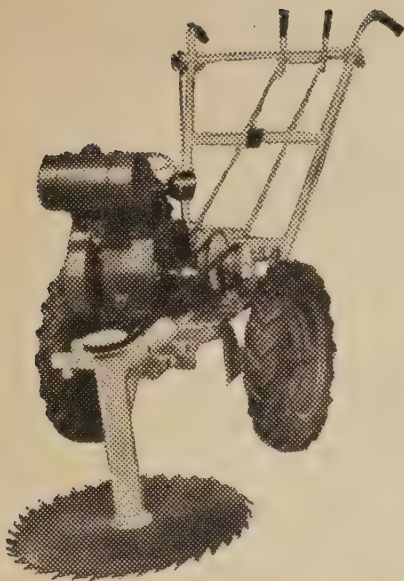
5-blade, 7" diameter, power driven reel. All welded steel construction .....\$129.00  
24" ..... 123.00



Power Lawn Mower

Prices F.O.B. Baltimore, Md.





## FULTON CIRCULAR TREE SAW

The factory has made many tests with this type of attachment and find that the 24" blade is the most suitable for the Fulton 36CF Tractor. It is furnished with a high quality saw with a heavy set on the teeth that allows plenty clearance for the saw blade itself. In addition to cutting down trees, and cutting them up, it is a great help in clearing the grounds of sumac or heavier brush that the sickle bar mower cannot handle.....**Price \$78.00**

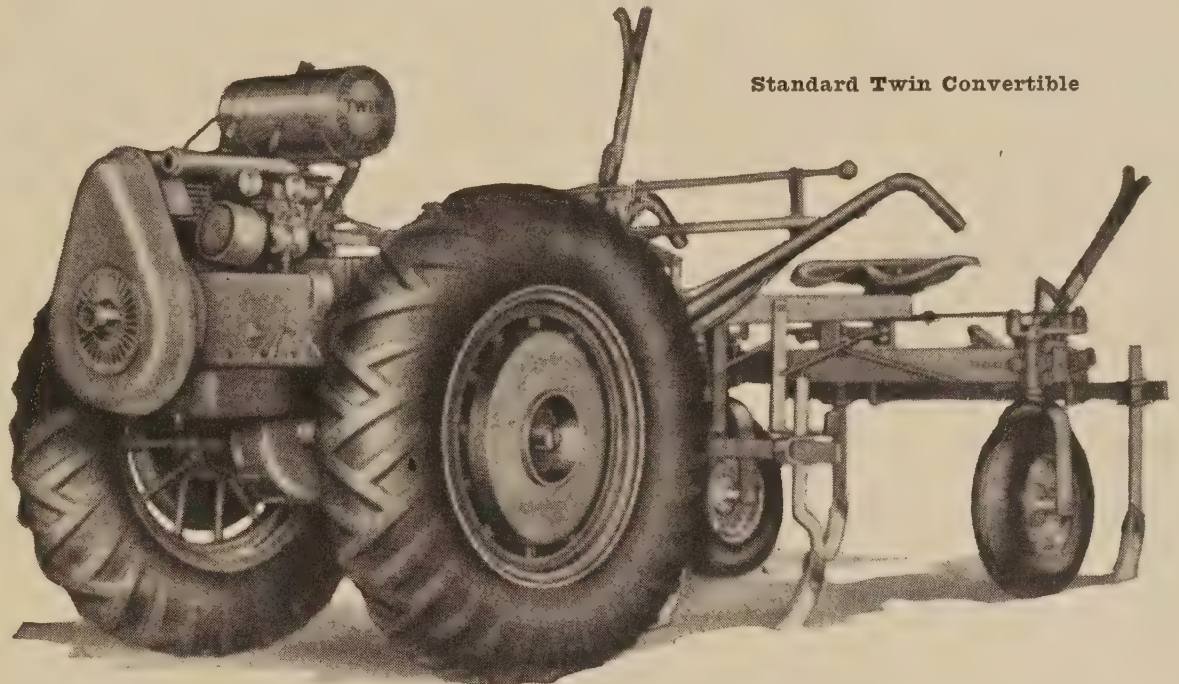
## MODEL 50 FULTON GARDEN TRACTOR 2 H. P.

Model No. 50—Tractor only.....	Price \$187.50
7" MOLDBOARD PLOW	
Model No. 50—Plow, plow weight and coulter.....	Price \$30.50
4 TOOTH CULTIVATOR	
Model No. 50—Cultivator complete with Gauge wheel.....	Price \$16.00
36" FRONT CUT SICKLE MOWER	
Model No. 50—Front cut sickle mower.....	Price \$78.00
24" REEL TYPE LAWN MOWER	
Model No. 50—Reel type lawn mower.....	Price \$78.00
Prices—F.O.B. Baltimore	

## STANDARD GARDEN TRACTOR

Sized and Powered  
for Every Type  
Small Farm.  
"Made in Three  
Sizes"

2½-H.P.  
3½-H.P.  
5 -H.P.



Standard Twin Convertible

The New Standard "TWIN" with its 2 cylinders, 2 speeds forward and one reverse 5 h.p. engine, is built for the man with the larger acreage or extra severe conditions, who needs that excess capacity which only two cylinder power can give. It marks a definite forward step in the progress of power on the small farm, has power turn steering. Adjustable tread. All gears running in oil.

5 H.P. Twin tractor with steel wheels and cultivator equipment .....	\$514.00
5 H.P. Twin tractor with 7.50x18 tires and cultivating equipment .....	\$572.00
K10—Heavy duty steel plow—10" cut for 5 H.P. with depth control lever—complete.....	\$ 49.50
Sickle bar mower attachment (power driven 3 ft.).....	\$121.50
Discs 12" (2 sections of 4 discs per section).....	\$ 41.60
Model B-54W—Straight blade 54" snow plow complete with hitch. ....	\$ 52.50

### STANDARD TWIN CONVERTIBLE

This 5 h.p. Twin Tractor is the same as above. Except that it is equipped for riding or walking. Complete with front and rear draw bars, front and rear tool lifts 7.50x18 rubber tires on drive wheels (33" outside diameter). 4.00x8 rubber tires on riding unit (16" outside diameter). 6 tool posts (2 straight, 4 staggered).

Walking Twin Tool Carriage with Double Draw Bar, 2 lever tool lifts, 2 gauge wheels, clear vision tool control. All required bolts and nuts.....**Price \$710.00**

K-10—Plowing equipment complete for both riding and walking use. ....**\$ 59.25**

Sickle bar hay mower (power driven—4 footcuts for use when riding only).....**Price \$130.50**

Discs—12" (2 sections of 4 discs per section). **\$ 41.60**

Model B-54-C Straight blade 54" snow plow complete with hitch; also includes plow lift assembly consisting of pulley, supporting brackets for pulley, lift chains with couplings and shackle bolts for standard twin convertible tractor (for use when riding only).

**Price \$ 67.90**

### 3½ H.P. MONARCH

Of the Standard "MONARCH" little need be said. Powered with a 3½ h.p. one cylinder, heavy duty engine, for years have blazed the trail in bringing the benefits and economies of modern power to the intensive grower. Tried and proved by thousands, from one end of the country to the other and almost every nation of the world, the Standard "MONARCHS" stand secure on the reputation they themselves have built.

Monarch 3½ H.P. tractor on steel wheels — complete with cultivating equipment. ....**Price \$365.00**

Monarch 3½ H.P. tractor on rubber tires size 5.00—21 (31" outside diameter) with cultivator equipment. **Price \$411.00**

K8—General purpose steel plow—8" cut complete with depth lever control—complete .....**Price \$ 38.50**

Discs 12" (2 sections of 4 discs per section). **Price \$ 41.60**

Sickle bar attachment (power driven 3 ft.). **Price \$120.50**

Model M-48W—48 inch snow plow, complete.**Price \$ 49.75**

### 2½ H.P. WALSH

In the lighter "WALSH" a sturdy low cost machine that has gained wide approval from coast to coast. Powered with a 2½ h.p. single cylinder engine.

Walsh—2½ H.P. Tractor on steel wheels with regular cultivating equipment — complete.....**Price \$248.50**

Walsh—2½ H.P. Tractor on rubber tires size 4.00x18" (26" outside diameter) with cultivating equipment. Complete .....**Price \$276.50**

K-7—Plowing equipment. Complete 7" cut..**Price \$ 31.00**

Discs 10" (2 sections of 3 discs per section). **Price \$ 26.00**

Sickle bar mower attachment (power driven 3 ft.). **\$117.50**

Model W-42-W Straight blade 42" snow plow complete with hitch. ....**Price \$ 40.00**

**Prices of Attachments Other Than Above  
Mentioned on Application.**

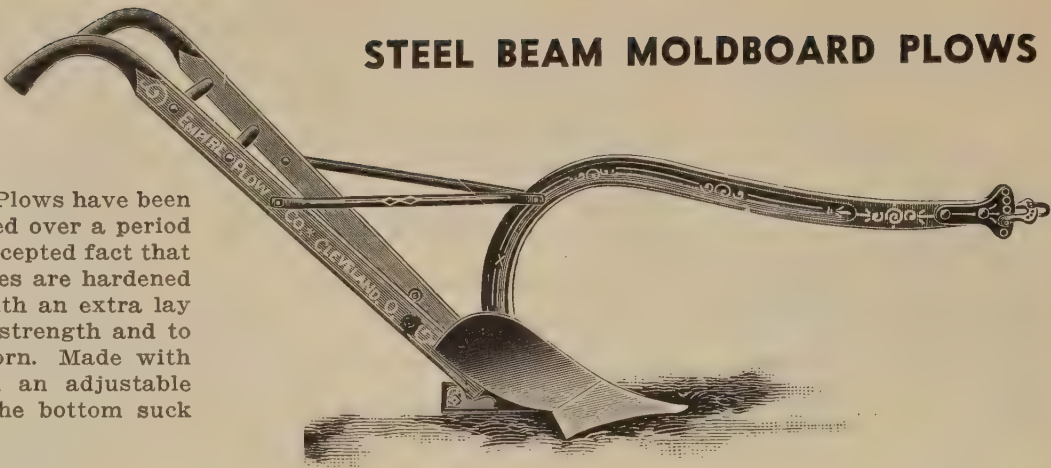
**Prices F.O.B. Baltimore, Maryland.  
Subject to State Tax.**



Richardson's  
Griffith & Turner's  
Wiseman-Downs'

STEEL BEAM MOLDBOARD PLOWS

Empire Steel Beam Moldboard Plows have been proven and carefully field tested over a period of years and it is a generally accepted fact that they do better work. The shares are hardened and reinforced on the point with an extra lay of special steel for additional strength and to facilitate re-pointing when worn. Made with a double steel landside, with an adjustable landside heel for regulating the bottom suck and taking up wear.



SPECIFICATIONS

					Plows		Shares	Landsides		Moldboards
								Inside	Outside	
PONY	PLOW	.....	7" cut	Approx. weight	56 lbs....	\$17.00	\$1.50	\$0.75	\$0.65	\$1.75
A.O.	PLOW	.....	8" cut	Approx. weight	60 lbs....	18.00	1.60	.75	.70	2.20
B.O.	PLOW	.....	9" cut	Approx. weight	64 lbs....	19.00	1.75	.75	.70	2.50
C.O.	PLOW	.....	10" cut	Approx. weight	78 lbs....	20.50	2.00	1.00	.95	3.35

SYRACUSE PLOW PARTS

Coulter and					Coulter and				
No.	Chilled Shares	Heavy Shears	Slip Shares	Land-sides	Mold-board	No.	Chilled Shares	Heavy Shears	Slip Shares
1-78	\$1.49	...	\$1.76	\$1.87	\$8.47	461-601-1461	\$1.93	...	\$2.20
2-78	1.38	\$1.49	1.65	1.71	7.59	462-602-1462	1.54	...	1.82
10-78	1.60	...	1.76	1.93	9.19	463-603-1463	1.49	...	1.76
20-78	...	1.54	1.71	1.71	8.20	464-604-1464	1.43	...	1.71
30-78	...	1.65	1.82	1.93	8.47	465-605-1465	1.38	...	1.65
361-501-1361	1.93	2.04	2.20	2.64	7.43	466-606-1466	1.15	...	1.43
362-502-1362	1.60	1.71	1.87	2.31	6.71	467- -1467	.72	...	...
363-503-1363	1.49	...	...	1.82	5.45				1.10

Landsides Interchangeable (361-1361) (362-1362) (363-1363) (461-1461) (462-1462) (463-1463) (464-1464) (465-1465) (466-1466) (467-1467).

Jointer Points (CE5) (CE6).....	\$0.50	Wheels only (CU6).....	\$1.05
Jointer Molds (CT7) (CT8).....	.99	Wheel Axle (DE4).....	.55
Slip Noses .....	.28	Wheel only, complete with Axle, Sand Cap, etc....	2.09

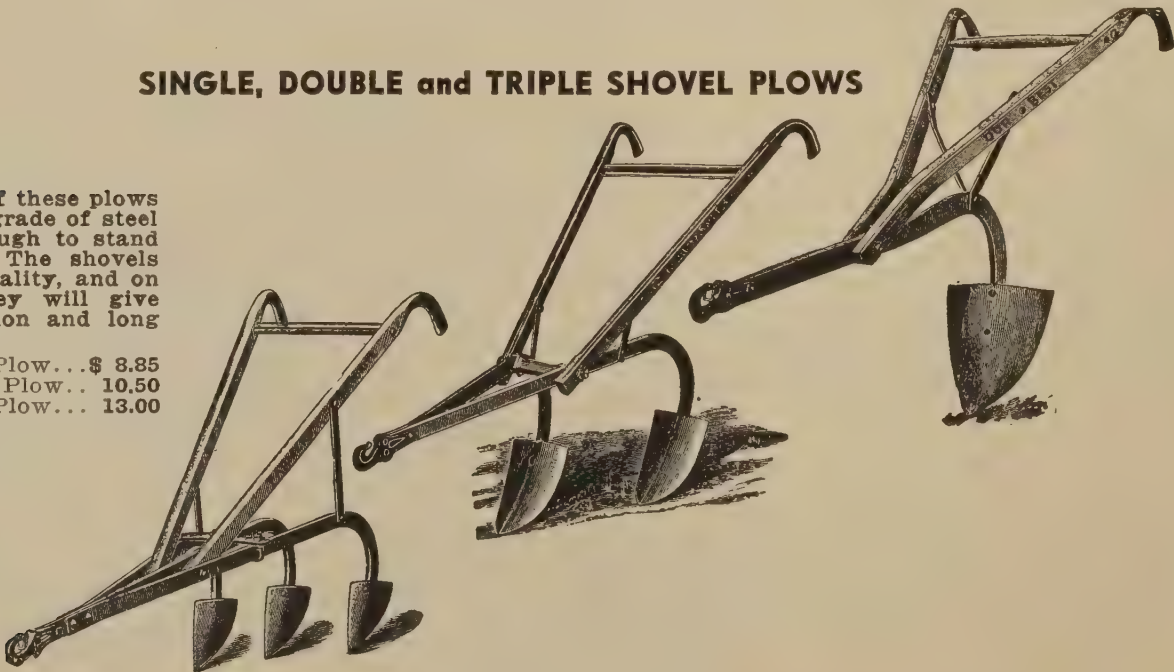
TRACTOR PLOW PARTS

Shares Cast		Landsides Cast		Moldboards Cast	
No.		No. 3		No. 1441	
X1441—	\$1.71	No. 4	\$1.93	No. 1442	\$8.80
X1441—12 in.	1.87	No. 3	1.60		8.20
X1441—14 in.	1.98	No. 4	1.93		
X1442—11 in.	1.54	No. 3	1.60		
X1450—14 in.	2.48	No. 4	1.93		
X1451—12 in.	2.37	No. 3	1.60		

SINGLE, DOUBLE and TRIPLE SHOVEL PLOWS

The beams of these plows are of a good grade of steel and heavy enough to stand severe work. The shovels are of good quality, and on the whole, they will give good satisfaction and long service.

Single Shovel Plow...\$ 8.85  
Double Shovel Plow... 10.50  
Triple Shovel Plow... 13.00





## OLIVER CHILLED PLOW PARTS

	Plain Shares	Slip Shares	Lands	Moulds	S B Standards	Wood Beams
Goober	\$0.65		\$0.94	\$2.20	\$3.15	
No. 6	.63		.77	2.09	2.35	
A	.66		.99	2.70	3.90	
AC	.72		1.10	2.70	3.80	
B	.83		1.27	3.41	3.60	\$6.38
BC	1.05		1.49	3.63	4.25	
10	1.05		1.65	3.58	5.00	6.88
13	1.10		1.76	4.35	5.40	6.88
19	1.21		1.93	5.61	6.00	7.43
20	1.32			6.65	6.50	7.43
E	1.71		2.54	8.80		
40	1.71		2.54	7.98	7.50	7.43
40XX	1.87					
82	1.76		2.86	8.43		
83	1.87			8.20		
83-88-12 in.	1.93					
84-88-14 in.	1.93			8.47		
F-905			.99			
F926A			2.26			

## FARMER'S FRIEND PARTS

No. 5						
Shares						\$0.72
Landsides						.90
Mouldboards						1.95

## WIARD PLOW PARTS

No.	Shares Plain	Shares Slip	Land-sides	Shoes	Mould-boards
103-104	\$1.60	\$1.82	\$2.59	\$1.49	\$7.98
106	1.87	1.98	2.59	1.49	8.47
1526 Bolted	1.98		1.55		8.47
1526 Q.D.	1.98		1.55		8.47

No. 103-104-106 Solid Landsides	\$3.19
Slip Noses	.28
L. Clevises	1.00
Jointer Points	.50
Jointer Moulds	.66

## FERGUSON PLOW PARTS

SHARES			
12-A-AO120DDS	\$2.20	121-AO173 Short	\$1.76
12-B-AO120DDS	1.82	121-AO175 Long	2.64
MOULDBOARD			
121-AO120DDS	1.82	12-B-AO110	\$8.80
LANDSIDES			
12-B-AO173 Short	\$1.76	121-AO110	7.98
SHINS			
12-B-AO175 Long	2.64	121-AO116	\$1.16

## WHEELS

State for Wood or Steel Beam

1 Horse Wheels, complete	\$3.00
2 Horse Wheels, complete	4.50
Standard Brace	2.50
Standard, Straight	1.30
Wheels only	1.30
Wheel Hubs	.35
Wheel Hub Bolt	.09

## WOOD BEAM JOINTERS

Two and three-horse	\$10.00
Holders	4.50
Standards	4.50
Mouldboards	.65
Points RH JY730 LH JY731	.35

## STEEL BEAM JOINTERS

No. 8 Jointer, Complete	\$14.00
F-2286 or F-2287 Standard	2.75
5500 or 2984 Shank	2.00
F-2288 or F-2289 Point	.35
F-2290 or F-2291 Mouldboard	.65

WOOD HANDLES. (Single)	\$1.40
Handle Rounds, each	.40
Sets, all numbers up to 10, S.B.	3.25
Sets, all numbers up to 13, W.B.	3.50
Sets, all numbers, 13 and above, S.B.	3.75
Sets, 10, W.B.	3.50
Sets, all numbers 13 W.B. to 40 S.B.	3.75

(State if old or new style handles.)  
Wood or Steel Beam

## WALKING PLOWS AND PARTS

### PARTS FOR INTERNATIONAL PLOWS

No.	Shares	No.	Land-side	No.	Mould-board
6002-R.H.	\$1.70	6021-R.H.	\$2.37	CP6008R.H.	\$7.98
6007-R.H.	1.81	6022-L.H.	2.37	CP6009R.H.	8.20
6027-L.H.	1.70	6001M-R.H.	1.54	CP6103L.H.	7.98
6028-L.H.	1.81	6001-R.H.	.83	CP6104L.H.	8.20
6174-R.H.	1.81			6003 Shins	1.87
6175-R.H.	1.81			6105 Shins	1.87

### PARTS FOR SOUTH BEND PLOWS

No.	Share Plain	Land-side	Mould-board
B1	\$0.72	\$1.38	\$3.85
B1X	.83	1.38	3.85
2	.83	1.54	3.85
2X	1.00	1.75	3.91
2½X	1.27	1.87	4.85
R4X	1.71	2.42	6.60

### PARTS FOR CHATTANOOGA PLOWS

No.	Share Plain	Land-side	Mould-board
61	\$0.66	\$0.88	\$2.15
62	.72	1.05	2.75
63	1.21	1.76	4.51
64	1.32	1.98	6.05
65	1.54	2.70	6.93
66	1.82	3.03	7.59
70	.63	.83	2.09
71	.77	1.05	2.86
72	.77	1.05	2.86
CP4166—			
Slip Noses			\$0.28
Chattanooga Jointer Points			.35
Chattanooga Jointer Molds			.65

When ordering Plows and Repairs, state Right or Left Hand, Wood or Steel Beams.

## LYNCHBURG PLOWS AND PARTS

No.	Plows	Shares	Land-sides	Mould-boards
2	\$14.75	\$ .60	\$ .75	\$2.10
Junior	14.75	.62	.80	2.10
Truckers	16.50	.62	.85	2.20
6X	20.00	.75	1.10	2.75
22	27.75	1.20	1.90	4.50
27		1.20	1.90	4.50
37		1.35	2.10	5.75
TS1	25.50	.65	1.60	2.20

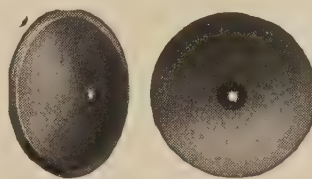
## THE BUTTS REVERSIBLE HARROW TOOTH POINTS

Can be used on all Spring Harrow Teeth.

Price, each	.48c
Points only	.31c
Clamps only	.18c

## SYRACUSE REVERSIBLE HARROW TOOTH POINTS

Price .....32c



Front and Back Regular Harrow Discs

## HARROW DISCS

16 in.	\$2.15
18 in.	3.00

Furnished with 15/16 in. square hole.

## SPIKE HARROW TEETH

½ x 8 inches	.16c
9-16 x 8 inches	.16c
¾ x 8 inches	.16c

## RAKE TEETH

¾-inch. Single coil	.52c
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## SPRING HARROW TEETH

For All Leading Harrows

Price	.85c each
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# GENUINE PLANET JR. EXTRAS

TO DETERMINE THE QUALITY  
OF A CULTIVATING STEEL

Look on the Back  
If it reads



You can depend upon it being  
the Standard of Quality and  
Design and an assurance of  
long and satisfactory service.

## CULTIVATOR STEELS

	Lb.	Oz.	Price
1 x 8-inch Steel, No. 4064.....		10	\$0.27
1 1/4 x 8-inch Steel, No. 1156.....		11	.28
1 3/4 x 8-inch Steel, No. 2367.....		11	.29
2 1/4 x 8-inch Steel, No. 2368.....		12	.34
3 x 8-inch Steel, No. 2369.....		14	.42
4 x 8-inch Steel, No. 2370.....	1	2	.52
1 1/4 x 10-inch Steel, No. 1888.....		13	.34
1 3/4 x 10-inch Steel, No. 1249.....		14	.35
2 1/4 x 10-inch Steel, No. 1199.....		14	.42
3 x 10-inch Steel, No. 1200.....	1	2	.49
4 x 10-inch Steel, No. 1201.....	1	8	.56

### 2 Holes 1 3/4" Centers

1 1/4 x 10-inch Steel, No. 8764.....		13	.34
1 3/4 x 10-inch Steel, No. 8765.....		14	.35
2 1/4 x 10-inch Steel, No. 8766.....		14	.42
3 x 10-inch Steel, No. 8767.....	1	2	.49
4 x 10-inch Steel, No. 8768.....	1	8	.56

## REGULAR SWEEPS

6-inch Sweep, No. 1614.....	1	1	\$0.55
8-inch Sweep, No. 1169.....	1	4	.65
10-inch Sweep, No. 1170.....	1	7	.70
12-inch Sweep, No. 1171.....	1	10	.85
15-inch Sweep, No. 1172.....	1	14	1.10
18-inch Sweep, No. 3148.....	2	3	1.40
24-inch Sweep, No. 3491.....	3		2.45
6-inch One Sided No. 4903/4.....pair	1	14	1.10
8-inch One Sided No. 3583/4.....pair	2	5	1.25
9 1/2-inch One Sided No. 3585/6.....pair	2	8	1.40

## IMPROVED SWEEPS

3-inch Imp. Sweep, No. 2731.....		10	\$0.40
5-inch Imp. Sweep, No. 1494.....		14	.55
8-inch Imp. Sweep, No. 1495.....	1	5	.70
10-inch Imp. Sweep, No. 1496.....	1	9	.85
12-inch Imp. Sweep, No. 1497.....	1	14	1.10
15-inch Imp. Sweep, No. 1498.....	2	5	1.40
18-inch Imp. Sweep, No. 1499.....	2	11	1.90
21-inch Imp. Sweep, No. 8229.....	3	3	2.45
24-inch Imp. Sweep, Bolt, No. 3582.....	3	8	3.15
5-inch Imp. Half Sweeps, No. 5380/1 pr.	1	12	1.25
7-inch Imp. Half Sweeps, No. 4930/1 pr.	2	7	1.70

## ORIOLE WALKING CULTIVATOR STEELS

1 x 8 inch.....	\$0.22
1 1/4 x 8 inch.....	.23
1 1/2 x 8 inch.....	.24
2 x 8 inch.....	.25
2 1/2 x 8 inch.....	.26
3 x 8 inch.....	.29
3 1/2 x 8 inch.....	.32
4 x 8 inch.....	.35
No. 10—Turn Shovel, R. & L.....	.50
No. 16—Turn Shovel, R. & L.....	.48

## ORIOLE RIDING CULTIVATOR STEELS

1 1/4 x 10 inch.....	\$0.29
1 1/2 x 10 inch.....	.29
2 x 10 inch.....	.30
2 1/2 x 10 inch.....	.31
3 x 10 inch.....	.33
3 1/2 x 10 inch.....	.37
4 x 10 inch.....	.40
No. 7—6-inch Sweep.....	.50
No. 7—8-inch Sweep.....	.55
No. 7—10-inch Sweep.....	.60
No. 7—12-inch Sweep.....	.70
No. 7—15-inch Sweep.....	.85
No. 7—Centre Steel.....	.45

## TRACTORS SWEEPS

	Lb.	Oz.	Price
2 Holes—2" Centers			
1-11/16" Square Hole			
6-inch Tractor Sweep, No. 8800.....	1	8	\$0.75
8-inch Tractor Sweep, No. 8801.....	1	12	1.00
10-inch Tractor Sweep, No. 8802.....	2	9	1.20
12-inch Tractor Sweep, No. 8803.....	3		1.55
14-inch Tractor Sweep, No. 8804.....	4	1	1.80
16-inch Tractor Sweep, No. 8805.....	4	9	2.25

## TEXAS SWEEPS

6-inch Texas Sweep, No. 5000.....		14	\$0.70
8-inch Texas Sweep, No. 5001.....	1	6	.85
10-inch Texas Sweep, No. 5002.....	2		1.05
12-inch Texas Sweep, No. 5003.....	2	7	1.40

## HILLERS, FURROWERS, TURNING SHOVELS

6-inch Hillers, No. 1167/8.....pair	4	12	\$1.85
6-inch Hillers, with conn. pieces.....	6	15	3.10
7-inch Plows, No. 495/6.....	5	10	2.25
7-inch Plows, with conn. pieces.....	7	13	3.50
10-inch Furrowers, No. 1161.....	3	5	1.40
12-inch Furrower and Bolt, No. 2621.....	4	5	2.10
15-inch Furrower and Bolt, No. 1162.....	6	2	2.65
5-inch, No. 3822/3 Turn Shov.....pair	2		1.05
6-inch, No. 3580/1 Turn Shov.....pair	2	15	1.20
7-inch, No. 3824/5 Turn Shov.....pair	3	12	1.55

## TRACTOR SWEEPS SETS

PJ8 Set.....	\$11.25
PJ10 Set.....	13.00

## SHOVEL STEELS

7-inch Shovel Steel, No. 2539.....	1	8	\$0.55
8-inch Shovel Steel, No. 2540.....	1	12	.65

## MISCELLANEOUS

No. 1229—Harrow Tooth.....	14	\$0.60
No. 3 Wrench.....	5	.20
Bolts for Steels, 3/8x1 1/4, 1 1/4 inch.....	1	.05
Bolts for Steels, 3/8x2, 2 1/4 and 2 1/2 inch.	2	.05
Bolts for Steels, 3/8x3 inches.....	2	.10

## SHOVEL PLOW BLADES

Single Shovel Blades—No Bolts:	
10x12x 1/4 inch.....	\$1.40
12x12x 1/4 inch.....	1.65
12x14x 1/4 inch.....	1.90
9x14x 1/4 inch.....	1.00

Double Shovel Blades—No Bolts:	
5x10x 1/4 inch.....	\$0.65
6x10x 1/4 inch.....	.70
8x10x 1/4 inch.....	1.00
7x11x 1/4 inch.....	.95

Triple Shovel Blades—No Bolts:	
4x7x 1/4 inch.....	\$0.50
5x7x 1/4 inch.....	.55
5x8x 1/4 inch.....	.57

Double Shovel Bull Tongues—1 or 2 Holes—No Bolts:	
2 x10x5/16 inch.....	\$0.50
2 1/2 x10x5/16 inch.....	.55
3 x10x5/16 inch.....	.65
2 x11x5/16 inch.....	.55

## PLOW HANDLES

Not Finished

1 1/4 x 2 1/4 ins., 5 ft. long, per pair.....	\$1.25
1 1/2 x 2 1/4 ins., 5 ft. long, per pair.....	1.60



PRICES SUBJECT TO CHANGE WITHOUT NOTICE



MOWER AND BINDER EXTRAS TO FIT LEADING MACHINES

Name of Mower	No. of Pitman Box	Price Pitman Box
Adriance (Buckeye) ..	61K	\$1.50
Deere Mowers .....	Z513	1.00
Deering .....	D608	.85
Deering .....	G191	.85
Emerson .....	M517	1.05
Johnston .....	2207C	.85
Massey-Harris ...	M300½	1.30
McCormick .....	M317	.85
McCormick .....	ME317	.85
McCormick .....	MC2077	2.00
Milwaukee .....	PJ50	.85
Oliver .....	Z73	1.35
Oliver .....	Z154	1.35
Osborne .....	KA1158	1.00
Thomas-Crown .....	M201	1.10
Wood-Admiral .....	2941	1.65
Wood .....	AK367	1.65
Complete Knives—4½ ft.....		\$4.00
Complete Knives—5 ft.....		4.25
Complete Knives—6 ft.....		4.75
Complete Knives—7 ft.....		5.25
Complete Knives—8 ft.....		5.75
Add extra for Knives with steel heads .....		.40
Extra for Knives with serrated sections .....		.40
Knife-Heads—Steel .....		1.45
Knife-Heads—Malleable .....		.80
Sections—Box of 25.....		2.35
Sections—Each .....		.10
Rivets—Pound .....		.30
Mower Guards .....		.60
Binder Guards .....		.60
Guard or Ledger Plates.....		.10
Guard Bolts .....		.09
Wood Mower, Pitman's (Massey- Harris) \$6.50; Adriance Buck- eye, Plano & Wood.....		3.75
Wood Mowers, Pitman's, others .....		3.25
Wood Binder, Pitman's (McCormick) .....		1.10
Wood Binder, Pitman's, others .....		.85
Binder Canvas Slats.....		.25
Pitman Bolts .....		.20
Pitman Straps, Box end.....		.40
Pitman Straps, Knife end.....		.55
Knife Clips .....		.20
Wearing Plates .....		.20



KEYSTONE  
TONGUE  
SUPPORT

For harvest-  
ing machinery  
and disc har-  
rows. \$8.00.

SHOE SOLES FOR MOWERS



Adriance

3099D—Inner, Nos. 7 and 8.....	\$1.87
3073J—Outer, Nos. 7 and 8.....	.99

Champion

A5810½—Inner, Imp. Mower....	1.82
A5847—Outer, Improved Mower.	1.43

Deere-Dain

Z5379—Inner, Dain .....	1.32
Z5231—Outer, Dain-Deere .....	.91
Z5786 .....	1.32
Z6058—Inner, Deere .....	1.32

Deering

D2097—Inner .....	1.43
D2510—New Ideal, Inner (D3501)	1.71
D2937—New Ideal, Outer.....	1.10

Emerson

M95S—Inner .....	1.60
M173½S—Outer (0-10959), with Bracket .....	1.10

Johnston

63FC—Outer, with Bracket.....	1.60
1812—Inner, Nos. 9, 12, and 14..	1.43
2323—Inner, No. 12.....	1.43
63FD—Outer, No. 14.....	1.60

McCormick

M465—Inner, New 4-1896-11....	1.70
MC465—Inner, New 4-1912.....	1.70
MA259—Outer, New 4.....	1.10
M259½—Outer .....	1.32

Massey-Harris

M2216—Outer, Nos. 20 and 21, plain .....	.85
M2217—Outer, Nos. 20 and 21..	1.32
M2276—Inner, Nos. 20 and 21...	1.54
L1065—Inner, No. 22.....	1.54
M2898—Outer, No. 22.....	1.32

Milwaukee

PJ108—Inner .....	1.70
PJ278—Outer .....	1.32

Oliver

Z5141—Outer .....	1.04
Z5480—Inner .....	1.60

Osborne

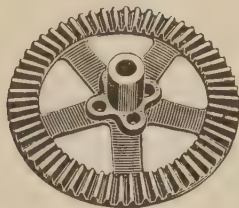
7010—Inner .....	1.21
10959—Outer .....	1.04

Thomas

M2058—Outer .....	1.10
1096—Inner .....	1.82
M2060—Inner (New Mower)....	1.38

Wood

K3427—Inner .....	2.92
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McCORMICK-DEERG.  
M1407

TO FIT THE FOLLOWING

Adriance	
706D—Spur Pinion .....	\$1.76
555D—Spur Gear and Bevel Pinion .....	7.31

Case, Osborne	
894—Spur Pinion .....	1.76
896—Bevel Gear .....	4.79
899—Bevel Pinion .....	1.10

Champion	
A865—Spur Pinion .....	1.71
A867—Bevel Pinion .....	1.43
A864—Spur Gear .....	8.47

Dain, Deere	
Z125—Bevel Gear .....	4.84
Z130—Bevel Pinion .....	.79
Z414—Bevel Gear .....	4.84

Deering Ideal	
D356—Bevel Gear .....	6.05
D458—Bevel Pinion .....	1.21

Deering New Ideal	
D864—Bevel Gear .....	4.68
D865—Bevel Pinion .....	1.32
D730—Spur Pinion .....	1.38
D989—Bevel Gear .....	4.13

Emerson	
M395—Clutch Gear .....	3.63
M404—Bevel Gear .....	3.41
M608—Spur Gear .....	4.02
M522—Bevel Pinion .....	1.21

McCormick New 4	
M633—Spur Pinion .....	1.82
M635—Bevel Pinion .....	1.21
M813—Bevel Gear .....	5.50

McCormick New Big 4	
M837—Bevel Gear .....	5.50
M838—Bevel Pinion .....	.85
MA814—Clutch .....	1.38
M1400—Clutch .....	1.93

McCormick No. 6 Vertical	
MA1405—Spur Gear .....	7.25
MA1406—Spur Pinion .....	1.82
M1407—Bevel Gear .....	5.50
M1408—Bevel Pinion .....	1.21

Oliver	
Z35—Bevel Pinion .....	1.21
Z176—Spur Pinion .....	1.76
Z177—Bevel Gear .....	5.23

Thomas	
65—Bevel Pinion (M259).....	1.38
301—Bevel Gear (M231).....	4.13
302—Triple Gear (M232).....	5.50
303—Drive Gear (M224).....	5.00
20—Drive Gear (M223).....	4.95

Wood	
2525—Bevel Gear .....	6.82
2791—Bevel Pinion .....	2.20
2790—Spur Pinion .....	2.31
K338—Spur Pinion .....	2.31

ALL PRICES F.O.B. BALTIMORE



# THERE'S A TILLEY LADDER FOR EVERY NEED

## ELECTRICIAN'S STEP-LADDER

A combination Step-Ladder and Trestle. The rounds in the back are 1 1/2 inches in diameter.

6 ft....\$10.10	12 ft....\$20.15
8 ft.... 13.45	14 ft.... 26.95
10 ft.... 16.80	16 ft.... 30.80



## HUDSON STEP-LADDER

For all uses, light, strong and stiff. A rodged step-ladder for general purposes. A 1/4-inch rod under every step and every rod trussed. Pail rests on all Hudson Ladders of four steps and over.

This light, sturdy ladder is so well adapted for so many purposes that it has always been the best seller. The favorite with painters, janitors and for general household duty.

3 ft.....\$3.55	6 ft....\$ 7.15
4 ft..... 4.75	8 ft.... 9.50
5 ft..... 5.95	10 ft.... 11.90
12 ft.....\$15.10	



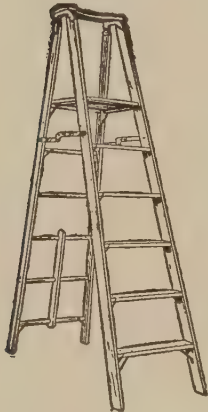
## PLATFORM STEP-LADDER

Built for safety and durable service. Safety platform is 14x18 inches, reinforced with steel.

Heavy Heavy

No. 6 4 ft. \$19.60	No. 14 12 ft. \$37.10
No. 8 6 ft. 23.80	No. 16 14 ft. 42.00
No. 10 8 ft. 28.00	No. 18 16 ft. 47.60
No. 12 10 ft. 32.20	No. 20 18 ft. 53.20

Note: Height given is from ground to platform.



## TROJAN STEP-LADDER

3 ft. ....\$4.20	6 ft. ....\$8.40
4 ft. .... 5.60	8 ft. .... 11.20
5 ft. .... 7.00	10 ft. .... 14.00
12 ft.....\$16.80	

## TILLEY WINDOW-CLEANERS' LADDER

A very convenient Ladder for window-cleaning purposes or where a Ladder has to be carried from one place to another. It is made in sections, which makes it convenient to handle. All sections are fitted into each other.

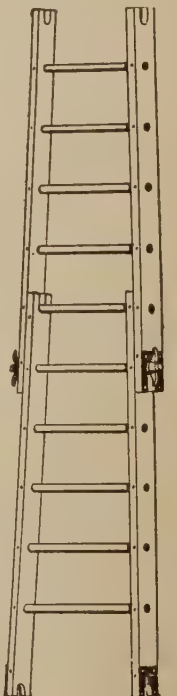
These Ladders are made in 6 foot lengths.

Top Section .....\$6.15
No. 2—Middle section ..... 5.95
No. 3—Bottom section, 6 ft. 3 in. .... 5.95



## TILLEY SECTIONAL LADDER

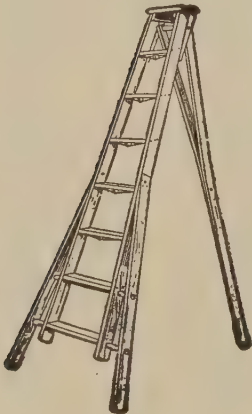
Made in 6 foot sections, each end protected with iron plates and equipped with large bolts with thumb-nuts, making them safe and durable. Hickory rungs. Sections 6 ft. 5 in. ....\$8.05



## OMEGA STEP-LADDER

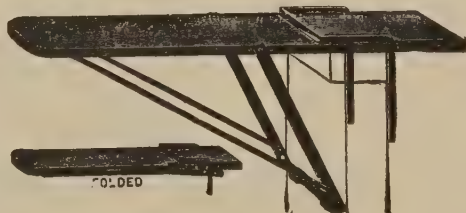
A tripod Step-Ladder particularly adapted for orchard work, fruit-picking, and for use on uneven ground. All flat steps. Easy to stand on and easy to move. Folds up compactly.

5 ft.....\$6.30	8 ft. ....\$10.10
6 ft..... 7.55	10 ft..... 12.60



## WINDOW BRACKETS

No. 1—4 ft. 4 in.
\$19.60 each
No. 2— 6 ft.
\$23.10 each



## BUMPERS

Bumpers for stages, without hooks, pair.....\$4.20
Bumper Hooks, with nuts and washers, set of 4.... 4.55

## STURDY SINGLE LADDERS

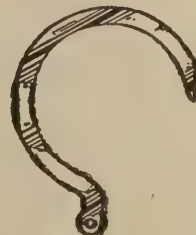
Exceptionally well built. Width of ladder is nicely tapered. Light, strong, and sturdy. Good quality spruce.

10 ft. ....\$7.35	16 ft. ....\$11.75
12 ft. .... 8.80	18 ft. .... 14.50
14 ft. .... 10.30	20 ft. .... 16.10
Ladder Rungs .....	.20

ALL PRICES F.O.B. BALTIMORE  
SUBJECT TO CHANGE WITHOUT NOTICE

## ROOF AND GUTTER HOOK

For hanging swinging stages. 20 3/4 x 27 in. with rings, \$18.20 Pair.



## FRUIT OR ORCHARD LADDERS

Open Top

10 ft. ....\$7.70	18 ft. ....\$15.10
12 ft. .... 9.25	20 ft. .... 16.80
14 ft. .... 10.80	22 ft. .... 18.50
16 ft. .... 12.30	24 ft. .... 21.85



# CHOOSE TILLEY JACKS AND STAGES

Richardson's  
Griffith & Turner's  
Wiseman-Downs'

## LIBERTY EXTENSION LADDER

A sturdy, good-quality, Extension Ladder for all general purposes. Equipped with rope hoist, malleable locks securely bolted to side. Side rails of air-dried select material. Regularly made with spread bottom.

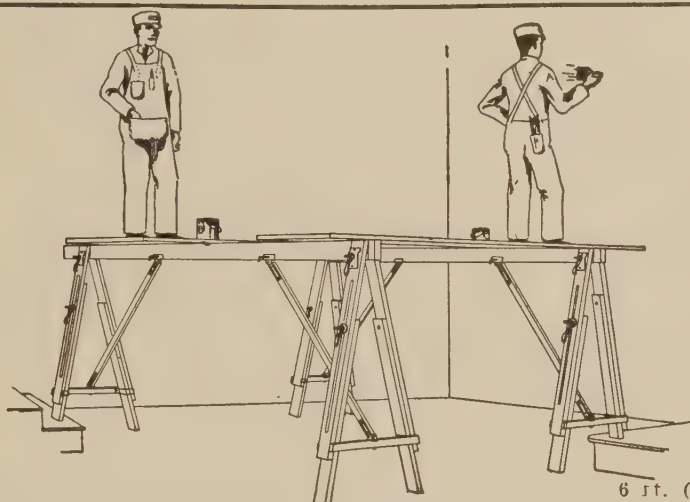
## SPRING LOCK EXTENSION LADDER

Side rails of thoroughly air-dried selected material. Rungs are selected ash and hickory, with minimum diameter of 1-3/16 inches. All equipped with rope hoist and two improved automatic spring locks of soft malleable and cold-rolled steel, securely bolted to side rails.

	Spring Lock	Liberty
20 ft. (Two 10-ft. sections, extends to 17 ft.)	\$19.60	\$18.20
24 ft. (Two 12-ft. sections, extends to 21 ft.)	23.50	21.85
28 ft. (Two 14-ft. sections, extends to 25 ft.)	27.45	25.50
32 ft. (Two 16-ft. sections, extends to 29 ft.)	31.35	29.10
36 ft. (Two 18-ft. sections, extends to 33 ft.)	37.80	35.30
40 ft. (Two 20-ft. sections, extends to 36 ft.)	42.00	39.20
44 ft. (Two 22-ft. sections, extends to 40 ft.)	46.20	
58 ft. (Three sections, with locks and rope on top section)	92.95	
64 ft. (Three sections, with locks and rope on top section)	101.75	
Ladder Locks. Per pair		

## CLEVELAND LADDER JACKS Per Pair \$10.50

As we do not manufacture this merchandise, it is understood that no warranty of any kind, express or implied, is made by us with reference to fitness, merchantability or otherwise of the merchandise.



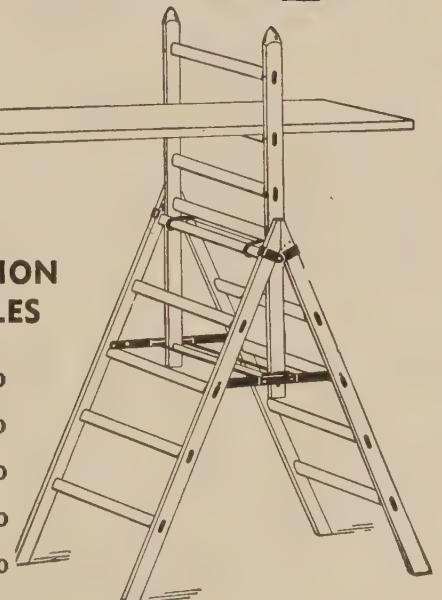
## ADJUSTABLE SCAFFOLD JACKS With Wing Nut Clamps

To properly scaffold a room, it requires 4 jacks on which planks can be laid, thus giving a safe platform to work on.

No. 6.	4 ft. (extends to 6 ft.)	\$15.40
No. 7.	5 ft. (extends to 8 ft.)	17.50
No. 8.	6 ft. (extends to 9 1/2 ft.)	19.60
No. 9.	7 ft. (extends to 11 ft.)	21.00
No. 15.	8 ft. (extends to 12 1/2 ft.)	24.50
No. 16.	10 ft. (extends to 16 ft.)	36.40
No. 17.	12 ft. (extends to 20 ft.)	42.00

## EXTENSION TRESTLES

6 ft. (extending to 10 ft.)	\$27.30
8 ft. (extending to 14 ft.)	30.80
10 ft. (extending to 18 ft.)	35.70
12 ft. (extending to 22 ft.)	39.90
14 ft. (extending to 26 ft.)	44.80
16 ft. (extending to 30 ft.)	50.40
Cross Braces.	



## EXTENSION PLANKS

These adjustable Planks are used by painters and decorators and are now a part of their equipment.

6 ft. (two sections, extends to 10 ft.)	\$11.20
8 ft. (three sections, extends to 14 ft.)	14.70
10 ft. (three sections, extends to 18 ft.)	16.80



## SWINGING STAGE PLATFORM

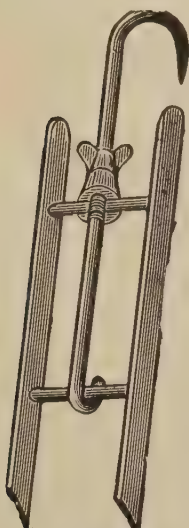
Reinforced,  
Floored  
20" Wide  
Per Foot

10 to 16 ft.	\$2.00
18 to 22 ft.	2.21
24 to 30 ft.	2.70

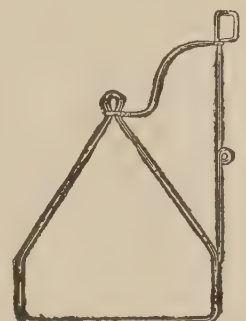
## TOOTHPICK STAGES

Reinforced,  
12" Wide  
Per Foot

10 to 16 ft.	\$1.61
18 to 22 ft.	1.72
24 to 30 ft.	1.89



LADDER  
HOOK  
\$2.45 each

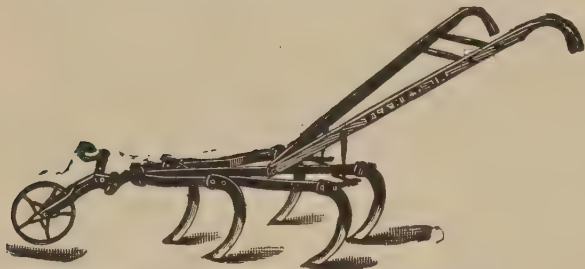


TRIANGLES FOR  
GUARD RAIL  
Size 20 1/2-in.  
\$17.50 per pair



# CULTIVATORS AND HORSE HOES

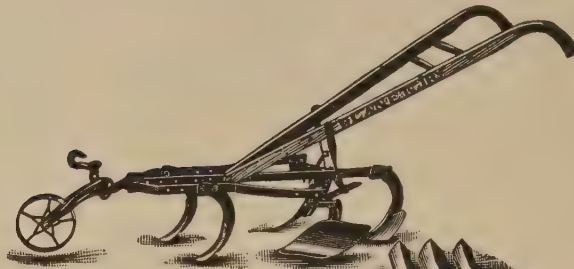
## No. 100 PLAIN CULTIVATOR



**No. 100 Cultivator.** This very popular tool is strong, plain, simple, business-like and does its work to perfection.

No. 100, with wheel.....	\$15.25
No. 100-D, no wheel.....	13.25
No. 101, with wheel.....	17.25
No. 101-D, no wheel.....	15.25

## No. 9 PLANET JR. HORSE HOE



This tool is low in price, strong and simple; provided with patent handle braces; firm, simple, strong, convenient.

No. 9, with wheel.....	\$24.65
No. 9-D, no wheel.....	21.95

## No. 9 PLAIN CULTIVATOR



The No. 9 is well built and of the right design. The especially hardened beveled steel teeth keep sharp and give 50% more service. The No. 9 is light, yet strong, with steel wheel, hollow steel standards, and steel draft hook.

No. 9, with wheel.....	\$21.45
No. 9-D, no wheel.....	18.75

## No. 90 PLANET JR. 12-TOOTH HARROW CULTIVATOR AND PULVERIZER



This tool has rapidly grown in favor among strawberry growers, market gardeners, truckers and farmers.

No. 90, Complete.....	\$27.50
No. 90-B, Less Pulverizer.....	22.95
No. 90-D, Plain.....	18.25
No. 91, With wheel.....	20.95
No. 92-D, Plain.....	16.25

## 14-TOOTH COMBINED HARROW AND CULTIVATOR

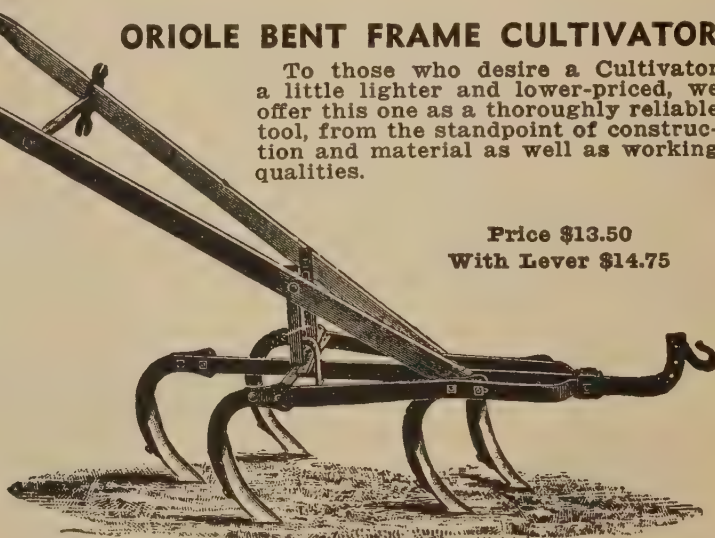


This is a very useful tool, which can be made to do a variety of work. The teeth are set in different positions. Desirable for first cultivation. Price, with lever, \$17.00.

## ORIOLE BENT FRAME CULTIVATOR

To those who desire a Cultivator a little lighter and lower-priced, we offer this one as a thoroughly reliable tool, from the standpoint of construction and material as well as working qualities.

Price \$13.50  
With Lever \$14.75



## UTILITY BOX FOR FORD TRACTORS

Every Ford owner will want this handy Utility Box wheelless trailer. In only 30 seconds, it converts a Ford Tractor into a flexible, small truck with a load capacity of 750 lbs.

It travels anywhere—is easily maneuvered into otherwise inaccessible places—does almost any carrying job.

It's expertly engineered to withstand all the hard use you can give it!

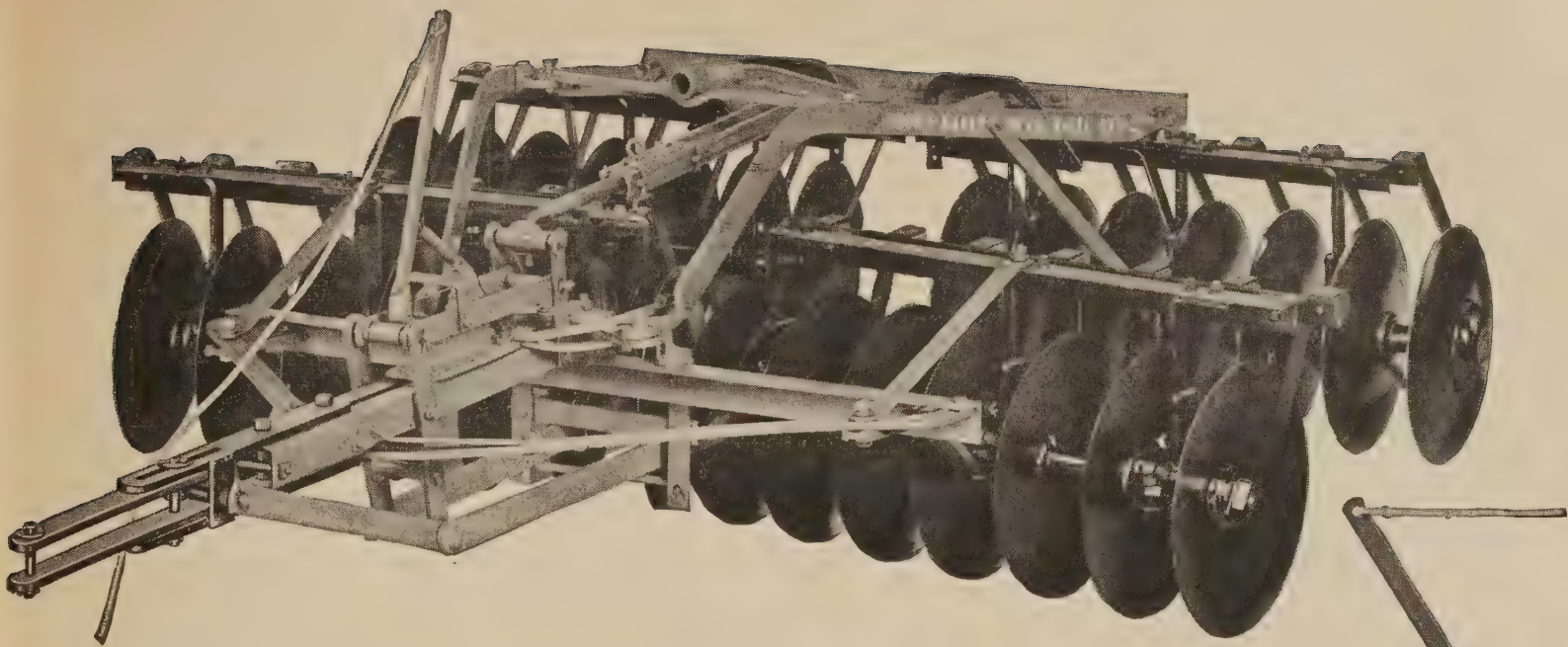
### SPECIFICATIONS

Designed for Ford Tractor.  
First grade hardwood construction.  
Steel re-enforced.  
Hydraulically operated.  
Stabilizing bar prevents tipping.  
Immune to weather changes.

Weight, 111 Lbs.

Price \$26.60





## THE "DAYTON" LEVERLESS TRACTOR DISC HARROW

A Double Disc Harrow Built in Five, Six, Seven and Eight Foot Sizes for use With Any Make of Tractor

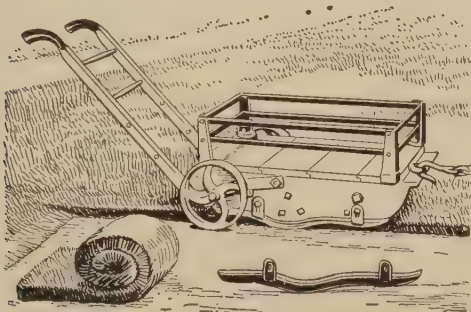
### SPECIAL FEATURES OF THIS HARROW

1. EASY CONTROL OF DISC GANGS
  2. FLEXIBILITY OF FRAME
  3. CONVENIENCE OF LUBRICATION
  4. HIGH QUALITY OF DISCS
  5. STRENGTH OF GANGS AND SCRAPERS
- Rope Set Lever for Setting Rear Gang Independent

### SPECIFICATIONS

Description	Width		Weight	Prices
20—16 in. Discs	6 ft.	With Scrapers	739	\$146.00
24—16 in. Discs	6 ft.	With Scrapers	810	156.00
24—18 in. Discs	6 ft.	With Scrapers	870	171.00
28—16 in. Discs	7 ft.	With Scrapers	890	170.00
28—18 in. Discs	7 ft.	With Scrapers	960	187.00
32—16 in. Discs	8 ft.	With Scrapers	970	186.00
32—18 in. Discs	8 ft.	With Scrapers	1050	205.00

## CHAMPION SOD CUTTER



The Champion Sod Cutter is constructed entirely of metal, composing cast iron, malleable and steel. The extra heavy castings will withstand the hardest usage. The knives are made from one piece steel and with a little care they will last for years. The machine itself is constructed in such a way that it will last indefinitely.

The Champion Sod Cutter is the result of many years of practical experience in sod cutting, and it is one of most wonderful labor saving devices every invented. In one day this machine can cut from 25,000 to 40,000 feet of sod. It is so constructed that it can cut the sod from 1 inch to 2 inches in thickness and 12 inches in width. The sod can be cut so that it can be rolled if desired. It can be drawn by a light gear shift machine, horse or tractor.

Price \$102.50

## CORN PLANTER RUNNERS

In ordering Planter Runners, always state, as near as possible, the year Planter was made; whether steel or wood frame; or, better still, a diagram showing position of hole and size of bend.

### For Single-Row Planters

	Each
Deere—126-226-227 .....	\$ 4.00
Hoosier or Cole.....	4.00
Black Hawk .....	4.00

### For Double-Row Planters

	Pair
I. H. C. ....	\$ 8.25
Black Hawk, No. 115, with Block.....	8.60
Deere, No. 9, no Block.....	7.65
Deere, No. 999, with Blocks.....	8.60
New Way, with Block.....	8.60
J. I. Case, No. P344, no Block.....	7.65
Superior, no Block.....	8.00

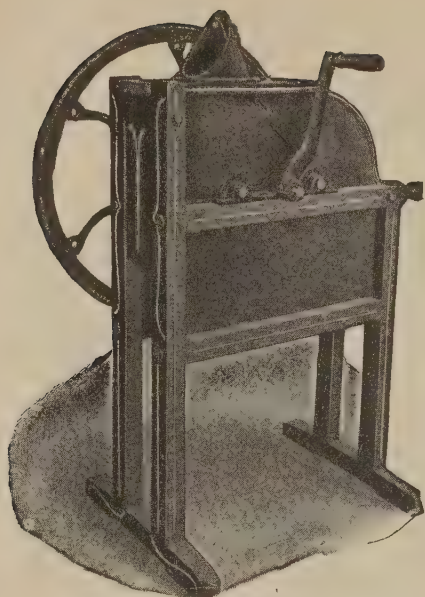
## Harrow Shoes

Made of 3/8-inch stock complete with Bolts.

### To Fit

International, 2 section.....	\$6.03
3 section .....	8.82
Massey-Harris, No. 15. 2 section.....	6.24
No. 15. 3 section.....	9.06
Oliver, 2 section.....	7.47
3 section .....	10.80
Syracuse, 2 section .....	5.64
3 section .....	8.52
Osborne, 2 section .....	6.57
3 section .....	9.60





### "BUCH'S No. 3" SINGLE SPOUT CORN SHELLE

This very popular Sheller is well made, light running, and will give good service. It has large balance wheel, with heavy rim and wrought-iron spokes. The journal boxes are engine bored and bolted to hardwood frames. Handsomely finished. Separates corn from cob. With Sieve ....\$32.00

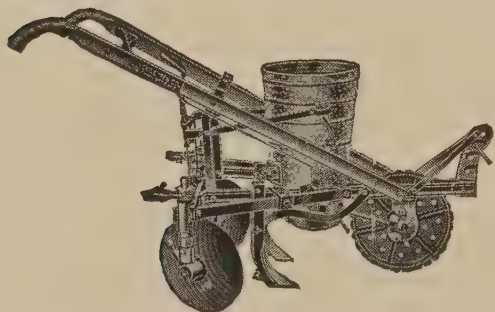
### "BUCH'S No. 7" DOUBLE SPOUT CORN SHELLE \$70.00



### "BLACK HAWK" CORN SHELLE

This is undoubtedly the best Sheller of its class. It has a suitable device for adjusting it to take either large or small ears, and do good work with either. It readily attaches to barrel or box, and is just the thing for persons who have but a small quantity of corn to shell. Price \$6.00.

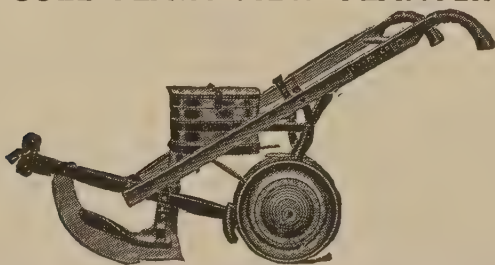
### COLE "LABOR-SAVER" PLOW AND FERTILIZER DISTRIBUTOR



Remember this: The Cole puts out the fertilizer, mixes it with the soil, and makes a bed ready for the planter in one trip.

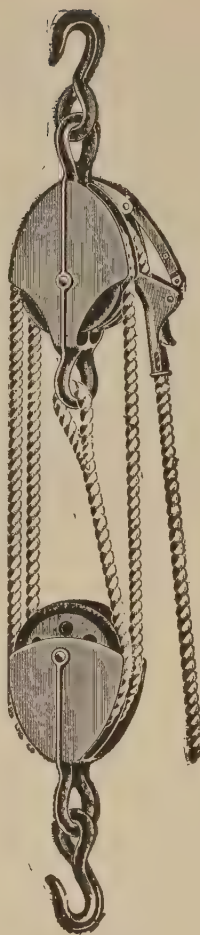
No. 60—With Shovels .....\$32.00  
No. 61—Less Shovels ..... 29.50  
Ridge Board with Spring..... 2.50

### COLE PLAIN-VIEW PLANTER



The Cole Plain-View Planter is the most wonderful invention in Seed Planters. Most accurate and reliable Corn Planter ever made.

No. 11—Plain Planter .....\$28.50  
No. 12—With Fertilizer Attachment..... 33.50



### STEEL HOISTS

No. 44—2 sheaves above, 2 sheaves below. For  $\frac{3}{8}$ - to  $\frac{1}{2}$ -inch rope. Capacity, 1,000 lbs. One man can lift 400 lbs. 2  $\frac{1}{2}$ -inch sheaves. \$4.30 each

No. 40—2 sheaves above, 2 sheaves below; for  $\frac{1}{2}$ -inch rope. Capacity, 1,500 lbs. One man can lift 400 lbs. 3-inch sheaves .....\$6.10 each

No. 34—2 sheaves above, 2 sheaves below; for  $\frac{1}{2}$ - to  $\frac{5}{8}$ -inch rope. Capacity, 3,000 lbs. One man can lift 500 lbs. 4-inch sheaves..\$8.90 each

Rope not included in price.

### ROPE

in all sizes and specifications.

Write for prices.

### ACME CORN PLANTER

Full rotary drop. Double coil spring automatically rotates disc and closes jaws. Used in one hand like a walking stick. Disk is set for correct number of kernels by loosening thumb nut, moving star till pockets are of right size, then tightening thumb nut again. Plunge planter in ground, rock forward to trip seed, and withdraw. Price..No. 41..\$4.00



### PLANT SETTERS

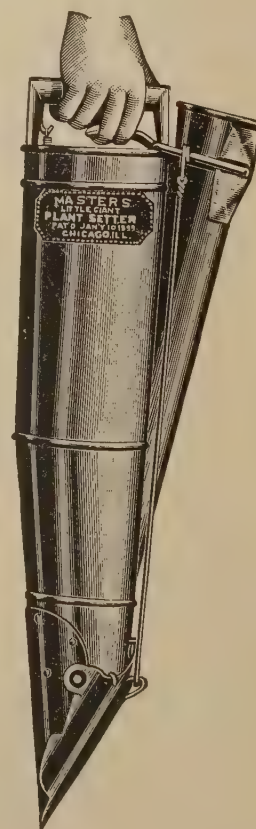
Will Help You Grow Bigger—  
Better Crops

For setting Tobacco, Cabbage, Sweet Potatoes, Cauliflower, Peppers, Egg Plants, Etc.

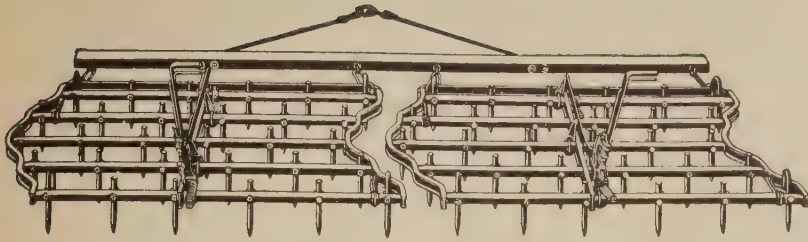
These planters have an automatic trigger which opens the water valve automatically as the lever is pulled. The valve remains open long enough to release the proper amount of water. Brass bearings on all moving parts prevent rust and give longer life.

Masters, Price Each.....\$5.75

Owen, Price Each.....\$5.75







## SPIKE TOOTH HARROWS

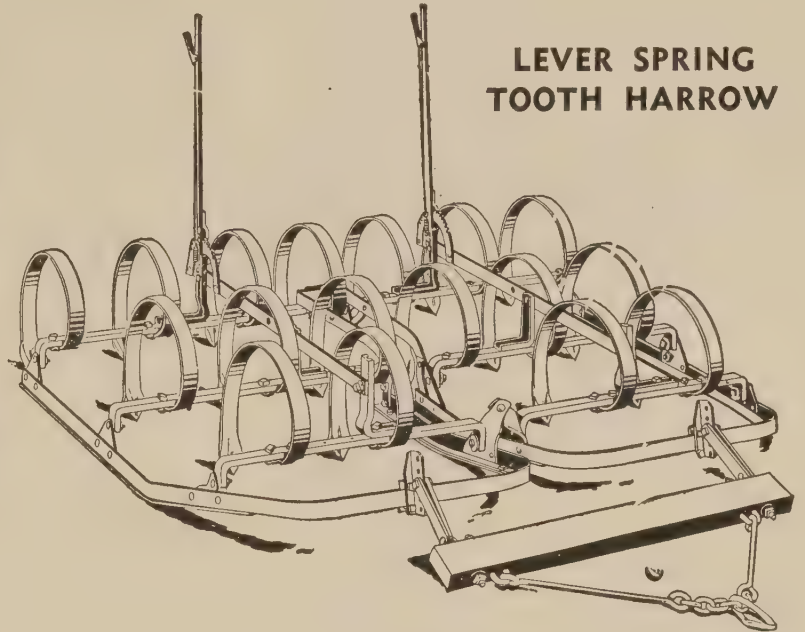
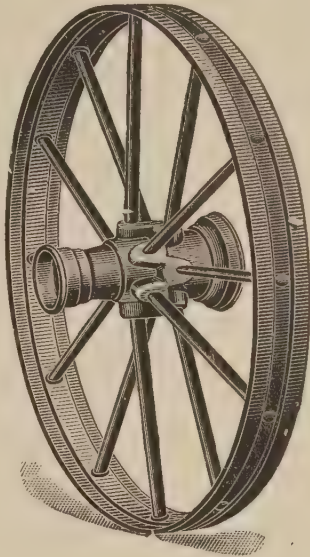
50-Tooth, $\frac{5}{8}$ x $\frac{7}{8}$ , Spikes Harrow, cut 7 ft. 3 in.....	\$39.00
60-Tooth, $\frac{5}{8}$ x $\frac{7}{8}$ , Spikes Harrow, cut 8 ft. 9 in.....	43.00
75-Tooth, $\frac{5}{8}$ x $\frac{7}{8}$ , Spikes Harrow, cut 10 ft. 11 in.....	58.50
90-Tooth, $\frac{5}{8}$ x $\frac{7}{8}$ , Spikes Harrow, cut 13 ft. 1 in.....	69.50

## METAL TRUCK WHEELS

We carry Wheels in stock sizes  $3\frac{1}{4}$ x10. All other sizes will have to be ordered from the factory, according to measurements sent, at special prices. If measured wrong, we will not take the Wheels back. Wood Wheels and other sizes, prices on application.

### Prices Per Wheel with $4 \times \frac{3}{8}$ -in. Tires

28-in. ....	\$ 3.75
32-in. ....	10.00



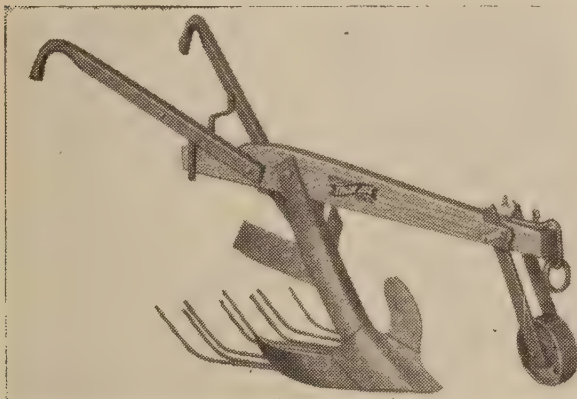
## LEVER SPRING TOOTH HARROW

### Prices:

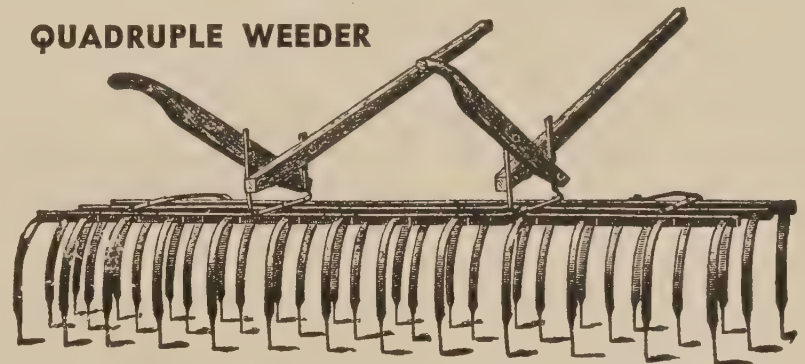
9-Tooth—3 ft., 1 section, no handles.....	\$ 30.00
17-Tooth—5 ft. 8 in., 2 section.....	55.00
25-Tooth—8 ft. 8 in., 3 section.....	80.00
33-Tooth—11 ft., 4 section.....	105.00

## Success Jr. Potato Digger

Price \$32.00



## QUADRUPLE WEEDER



This tool has been adopted and passed upon favorably by many of the most practical farmers.

7½-foot wide—39 teeth.....	\$17.50
Extra Teeth .....	each .42

## THORNHILL FARM TRUCK

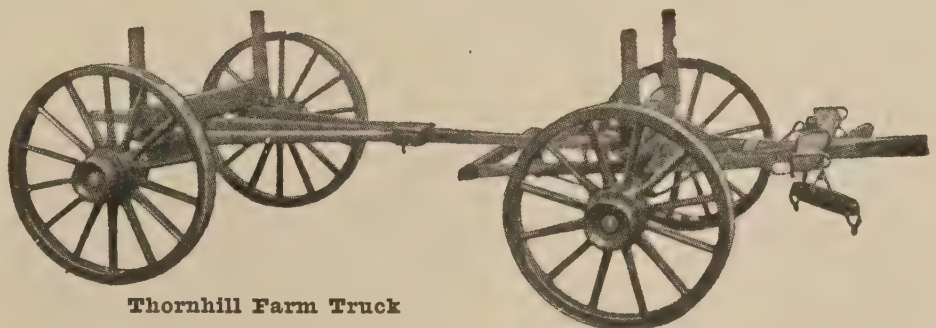
A good truck; very strong; suitable for either farm or road work; 2-inch solid steel square axles; wood wheels, 40-inch rear and 36-inch front;  $2 \times 8\frac{1}{2}$ -inch box and with  $3 \times \frac{1}{2}$ -inch tires. It is made in both drop and slip tongue. Top or swing side and tail brakes furnished when ordered. Equipped regularly with stationary stakes. Prices include single- and doubletrees, and chains for stiff tongue, and neck-yoke for drop-tongue Wagon.

Be sure to state just what you want when ordering.

Farm Truck. With Slip Tongues....	\$150.00
Farm Truck. With Drop Tongue....	150.00

For any of the following extras, add to the above Wagon prices.

10-foot Body, with 24-inch Sides, no Seat .....	\$48.35
Body Brake Attachments.....	5.00
$3 \times \frac{1}{2}$ -in. Tires .....	12.00
$4 \times \frac{3}{8}$ -in. Tires .....	14.00
Seat and Springs.....	10.00
Side Brake .....	15.00
Tail Brakes .....	17.00
Both Brakes, when ordered at same time .....	25.00



Thornhill Farm Truck

## THORNHILL ONE HORSE WAGON

With straight or bent shafts

### EXTRAS

Round Steel Axle, Wood Hub	
Wheels, Axle $1\frac{1}{2}$ x7 — Wheels	
40x44 or 36x40.	
Tires $1\frac{1}{4}$ x $\frac{3}{8}$ .....	\$79.00
With $2 \times \frac{3}{8}$ tire.....	98.00

Bed 8 ft. long 14" deep.....	\$26.55
Spring Seat .....	9.50
Gear Brake .....	9.50
Bed Brake Attachment.....	4.75
Thornhill Pole for 2 Horse Hitch.	\$19.50



# Dapco PORTABLE AIR COMPRESSOR

**Always Oil-Free Air!**

**The Perfect Answer to Your Compressed Air Needs!**

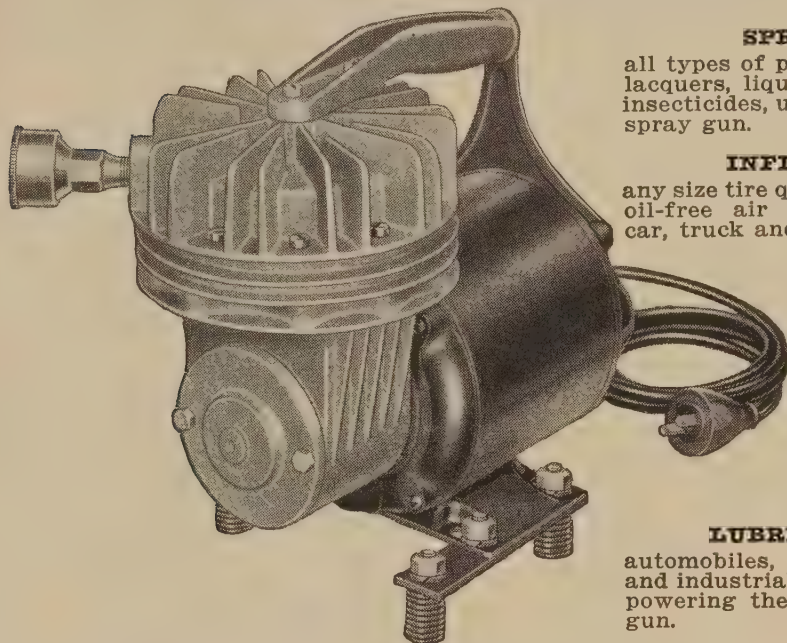
**No Oil Filters or Collectors Needed!**

Dapco compressors are a new and revolutionary piston-type compressor (NOT DIAPHRAGM). But this compressor has no piston rings or oil! Dapco compressors were developed for the Armed Forces and received citations from the Navy and the Marine Corps for the part which

they played in combat areas. They are not gadgets but are ruggedly built and precision machined.

This new piston-type compressor requires no oil... produces oil-free air at all times. Permanent, "built-in" lubrication is made possible by the grease-packed ball bearings—sealed for life.

## ELECTRIC AIR COMPRESSORS



### SPRAYS

all types of paint, synthetic lacquers, liquid and powder insecticides, using the Dapco spray gun.

### INFLATES

any size tire quickly. Always oil-free air for passenger car, truck and tractor tires.

### CLEANS

by blowing dirt and dust from radiators, drills, buildings, and other equipment. Very necessary for farm and factory maintenance.

### LUBRICATES

automobiles, trucks, farm and industrial machinery by powering the Dapco grease gun.

The perfect answer for spray painting, tire inflation, lubrication and air cleaning, wherever a standard 110 A.C., 60 cycle outlet is available.

Gives service in homes, on farms, in small machine shops, in repair garages and service stations.

No air tank is necessary.

Furnished with handy carrying handle, 8 feet of heavily insulated electrical cable with standard bayonet plug.

Complete unit with 110 A.C., 60 cycle, 1/3 horsepower electric motor, compressor, carrying handle, air filter and spring suspension base.

No. 110—10x8x13 in. overall; ship wt. each 47 1/4 lbs. less hose... \$87.50 each

## AIR COMPRESSORS

### SPECIALLY DESIGNED FOR FARM TRACTORS

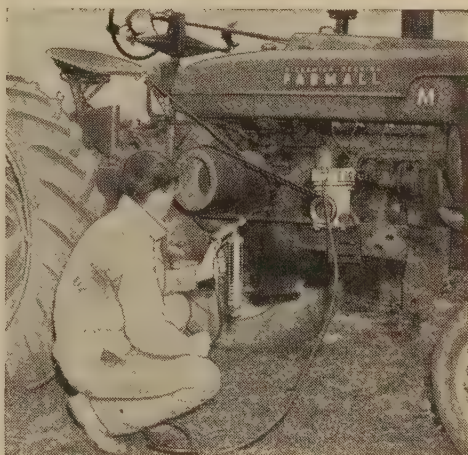
Just the compressor you need on the farm for spraying all kinds of paint, lacquer, whitewash, powder and liquid insecticides... and no air tank necessary! Inflates any size tire quickly. Also blows dust and dirt from machinery, cleans radiators and drills. A tailor-made air compressor to fit the following tractors:

Dapco No.	Tractor	Models	Net Wt.	Shipping Wt.
145	IHC-Farmall	H M F-12 F-14 F-20 F-30 15/30	21 lbs.- 3 oz.	21 lbs.-15 oz.
145	John Deere	A B H A R A O	21 lbs.- 3 oz.	21 lbs.-15 oz.
145	Massey Harris	101 Jr.	21 lbs.- 3 oz.	21 lbs.-15 oz.
145	Oliver	70	21 lbs.- 3 oz.	21 lbs.-15 oz.
146	Allis Chalmers	WC WF	20 lbs.-11 oz.	21 lbs.- 7 oz.
147	IHC-Farmall	A B BN	21 lbs.- 3 oz.	21 lbs.-15 oz.
148	IHC-Farmall	AV	21 lbs.- 3 oz.	21 lbs.-15 oz.
149	Case	SC VAC	22 lbs.- 7 oz.	23 lbs.- 7 oz.
150	Case	DC	22 lbs.- 7 oz.	23 lbs.- 7 oz.
151	Ford-Ferguson*	All Models	24 lbs.-15 oz.	26 lbs.-11 oz.
All Models \$49.50				

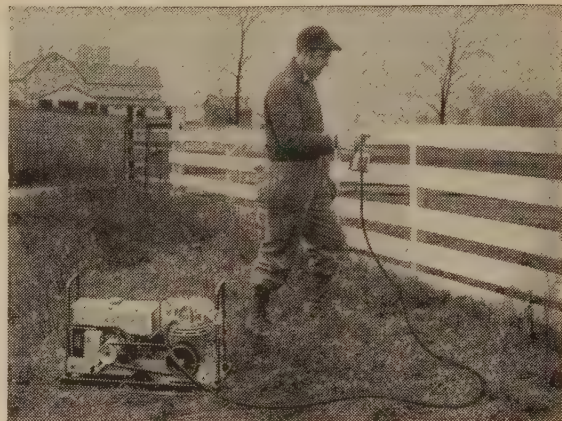
(\*Model 151 (Ford-Ferguson) is also furnished with a quick-fit pulley and locking pin for the power take-off.)

**Furnished Complete—Ready for Mounting...** nothing additional to buy... each Dapco Tractor compressor unit contains the Dapco air compressor and air filter, tractor mounting bracket, B Section V-Belt, 25 feet air hose with fittings and detachable tire chuck and all the necessary bolts, nuts and washers.

**The Most Efficient Air Compressor for its Size and Weight Ever Developed.**



## GASOLINE AIR COMPRESSOR



Operates from the surprisingly light aluminum 18 pound, 1 horsepower gasoline engine.

Engine may be removed from base to provide power for many other needs.

Compressor is mounted on a special steel spring-suspension base with carrying handles, belt driven by engine. Needs no air tank for spray painting.

Strong handles on each end makes the complete unit easy to carry anywhere.

Engine operates 3 hours on 3 pints of gasoline. Compressor needs no relief valve due to equalized internal and line pressure.

Will run continuously for hours, all day long.

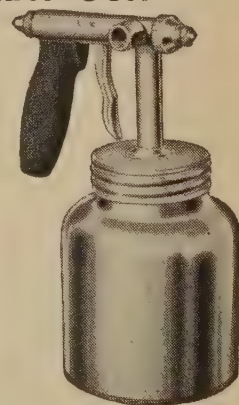
No. 156—22 in. long; 11 in. wide; 13 in. high overall; wt. each 45 lbs., less hose, \$125.00.

No. 171—25 feet hose, with tire chuck and blow gun, \$6.95.

## PAINT SPRAY GUN

Will efficiently spray all kinds of paint, lacquer, whitewash, moth-proofing materials, cleaning fluids, all kinds of insecticides, DDT powder and liquid solutions. Sturdy, well built of light weight aluminum, with easy-working trigger and comfortable hand grip.

No. 181—Paint Spray ....\$11.25



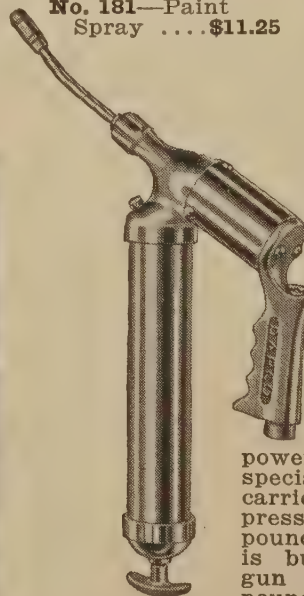
## POWER GREASE GUN

No. 173—Grease Gun ....\$17.75

Pays for itself many times in savings of time, labor and money.

**Powerful:** 4,000 pounds working pressure. More than enough to lubricate any fitting that is not frozen—yet not so

powerful as to damage special fittings. Air hose carries only the air line pressure, while the 4,000 pounds grease pressure is built up inside the gun itself. Holds 1 1/2 pounds of lubricant.





# Smalley HATCHET HAMMER MILL

CHOPPER GRINDER

"Successor to the Hammer Mill"

BLOWER RECUTTER

Grinds Faster than an Ordinary Hammer Mill—Cuts Power in Half

Paying livestock and poultry are the best feed factories in the world. Market your crop on the hoof with the HATCHET Hammer Mill as your right-hand helper. The HATCHET Hammer Mill makes your feed go as much as 35 percent farther!

Coarse, stalky roughage discourages livestock's appetite. Up to 35 PERCENT is nosed out of the feed box, trampled into mud or manure. Unground grain goes through undigested, lost forever or left second-hand for hogs. Adjust the HATCHET Hammer Mill coarse or fine

to fit the feed, and the ration for which it is intended. From the finest mash to trench silage, HATCHET Hammer Mill-processed feed brings more dollars rolling in!

You will blink your eyes in wonder when you first see the PNEUMATIC FEED work. The Hatchet Mill is the only silo filler of its kind with Pneumatic Feed. As the bundle reaches the knives, it is drawn in automatically by suction. No rollers, no gears, no belts, no chains . . . no dangerous hand feeding. Relax . . . put your mind at ease with the Smalley!

## SMALLEY HATCHET HAMMER MILLS

Size	Description	Price
No. 5	Hatchet Mill complete with cyclone, cyclone support, any (3) of the stock screens, 2-way bagger or wagon-loader with joint of pipe. Weight 280 lbs. ....	\$149.50
No. 30	Same as above. Weight 290 lbs. ....	156.50
No. 50	Same as above. Weight 520 lbs. ....	242.25

## PULLEYS

4 in. to 6 in. diam. x 7 in. face for No. 5 and No. 30 Mill	\$9.50
4 in. to 7 in. diam. x 7 in. face for No. 50 Mill. ....	9.75

## F.O.B. Baltimore

Screens regularly shipped— $\frac{1}{4}$  in.,  $\frac{1}{2}$  in. and 1 in. Purchaser has choice of any (3) from these stocked sizes,  $\frac{1}{8}$  in.,  $\frac{3}{16}$  in.,  $\frac{1}{4}$  in.,  $\frac{5}{16}$  in.,  $\frac{1}{2}$  in.,  $\frac{3}{4}$  in., 1 in.,  $1\frac{1}{4}$  in.,  $1\frac{1}{2}$  in., 2 in., 6-bar, 5-bar.

Always give the r.p.m. and diameter of power pulley. We will ship proper pulley for approximately 2100 r.p.m. on No. 5 and No. 30 mills, and 1800 r.p.m. on No. 50 mill.

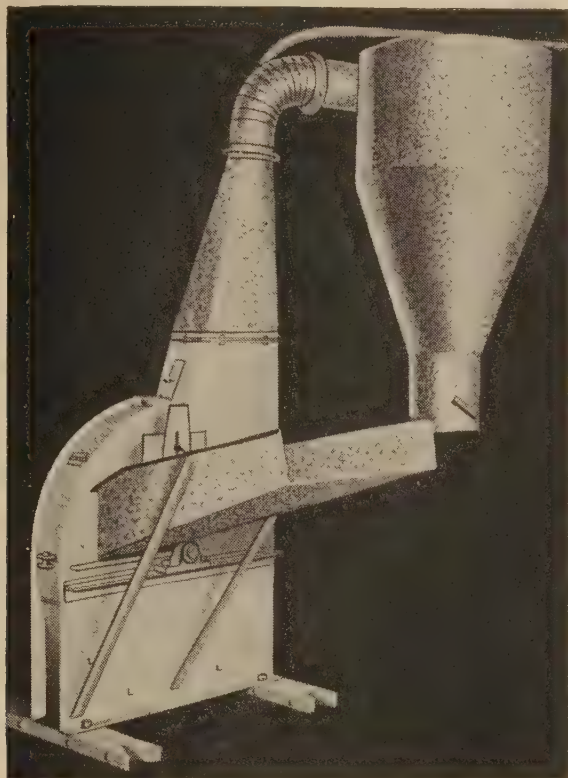
## EXTRAS FOR HATCHET MILLS

	No. 5 and 30	No. 50
2 ft. section of blower pipe, 26 ga. ....	\$ 2.05	\$ 3.40
4 ft. section of blower pipe, 26 ga. ....	3.44	4.40
6 ft. section of blower pipe, 26 ga. ....	5.80	6.60
8 ft. section of blower pipe, 26 ga. ....	7.00	8.00
2-pc. deflector elbow, used for silo filling. . .	...	19.00
"Square-to-Round" joint of pipe. ....	...	4.85
1-pc. deflector elbow, used for silo filling. . .	16.35	...
2-way bagger attachment. ....	10.50	11.00
Wagon loader spout. ....	7.15	7.15
Pipe as shipped with wagon loader spout. . .	2.75	3.85

Prices on pipe and extras for 50 Mill include the rings.

## V-BELT DRIVES ON NO. 5 AND NO. 30 MILLS

Price includes sheave of mill and motor and SB42 belts  
For 5 H.P. installation, two belt drive, 14 lbs. .... \$28.30  
For  $7\frac{1}{2}$  H.P. installation, three belt drive, 20 lbs. .... 36.00



# SMALLEY FORAGE AND GRAIN BLOWER

	Wt.	Price
Forage and Grain Blower with lower section of pipe. ....	330	\$137.00
Select required equipment from the following and add to above weight and prices.		
Pulley c. i. 6 in. face x 10 in. diam. . . . .	17	9.50
6 in. face x 12 in. diam. . . . .	27	10.50
6 in. face x 14 in. diam. . . . .	30	13.00

## F.O.B. Baltimore

Pipe: 6 in. diam., 22 ga. with extra heavy ring:		
Lower section . . . . .	7	5.50
2 ft. section . . . . .	6	4.25
4 ft. section . . . . .	11	5.25
6 ft. section . . . . .	16	7.50
8 ft. section . . . . .	20	8.75
$2\frac{1}{2}$ slip joint extends to $4\frac{1}{2}$ ft. . . . .	14	10.00
2-pc. def. elbow for silo filling. . . . .	35	19.50
"Square-to-Round" joint of pipe. . . . .	5	5.00
90 deg. flexible elbow. . . . .	9	12.00
90 deg. dry feed and grain elbow. . . . .	8	10.50
Grain Feeder Control. . . . .	15	5.50
Swivel Pipe Joint. . . . .	3	5.00
Small Deflector Spout. . . . .	2	4.80
6 in. pipe with shut-off. . . . .	3	10.60
Dust Cyclone . . . . .	25	30.00
45 deg. Elbow, riveted joints. . . . .	8	8.30
Rain Cap on Dust Cyclone. . . . .	3	4.40
Note: Closed section of deflector elbow and "square-to-round" joint can also be used as 90 degree dry feed and grain elbow.		
Distributor pipe, 30 in. joints. . . . .		3.50
Molasses Pump attachment, comp. . . . .	30	56.00

## NEW CYCLONE ATTACHMENT

### Traps Choking Dust—for Grain and Ground Feed

Breathe fresh, dust-free air when you equip your blower with this extra cyclone attachment. Works with any blower. Puts grain in the bin cleaner and brighter. Good fire insurance too—guards against dust explosions.



Note: The height of the blower when including the lower section of blower pipe is 5 feet.

Here's a faster, easier way to handle silage, grain, chopped hay, straw and fodder.

Smalley Auger Blower elevates feed and roughage 60 feet and higher. An ideal unit to use with any forage harvester. Makes silo filling a small-crew job.

An entirely new principle of blower design combines a six-blade ball-bearing mounted blower fan with positive feed auger. Special revolving tines are an exclusive anti-clog feature. So perfectly balanced—a six ounce pull turns the fan.

Wide 39 in. x 48 in. Hopper—Only 27 in. high; wagon slips over the top. (Blower also can be set in a trench and slanting wagon runway provided for easy unloading. Farmers are reporting success with high sideboard box wagons, side door wagons and automatic unloaders.)

Case and Frame All Steel Arc-Welded—Two men can pick up complete machine!

Fafnir Wide Inner Race, Self-Aligning Ball Bearing Equipped.

Power Requirement—From 3 h.p. for grain to 15 h.p. for forage—depending on material, height and distance.

The New Portable Model C, with tilting hopper, wheels, tires and first joint of pipe, \$370.00



## BEMIS TRANSPLANTER

### TWO ROW TRANSPLANTER

#### Band Type Fertilizer Attachments For All Bemis Transplanters

Two spouts carry the fertilizer into the furrow openers that place it in the ground in bands about three inches on each side of the row of plants. The depth of the furrow openers can be adjusted to suit various crops, and different soil conditions. The furrow openers raise and lower with the regular lift lever—No extra levers.

#### Proper Amount of Fertilizer

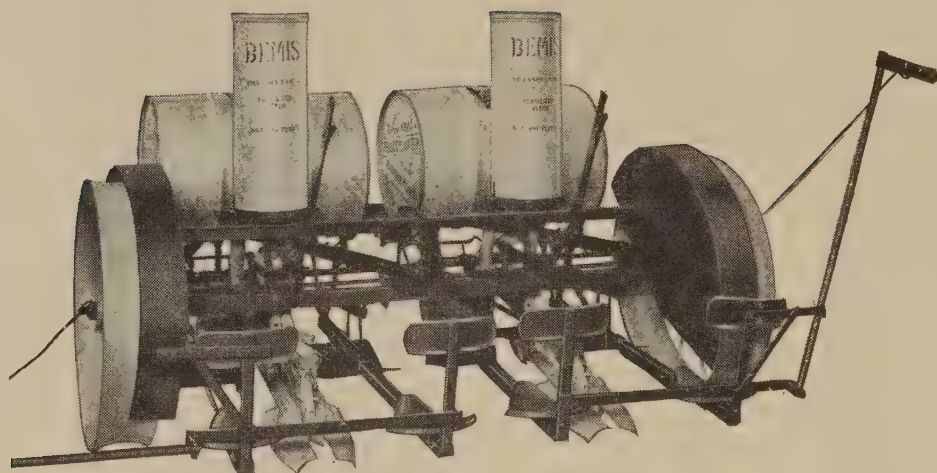
The sprocket supplied with the transplanter for regulating each valve. This amount can be varied from 150 to 1,000 pounds or more per acre. Where a very light application is desired, one of the valves can be completely closed, applying the fertilizer on one side of the row only. Where a very heavy application is wanted, the regular sprocket on the fertilizer attachment can be replaced with a smaller one which revolves the feed star faster.

The sprocket supplied with the transplanter for regulating the distance between the plants are interchangeable with the sprocket on the fertilizer attachment.

A hand lever, conveniently located for operation by one of the droppers, permits starting and stopping the attachment as desired. The hopper, is ample size, holding more than a hundred-pound bag of fertilizer.

Band Type Fertilizer Attachment for Single Row Transplanter with two spouts and furrow openers.....\$49.50

Set Band Type Fertilizer Attachments for Two Row Transplanters with two attachments with extension drive shaft .....\$98.00



#### Save With Two Row

The two row transplanter not only effects a saving at planting time, but makes it possible to cultivate the crop with the two row tractor cultivator; so the two row makes a saving in labor during the entire season.

#### Strong Construction

The main frame of the two row is very strong and rigid. The main axle bar is welded into a single assembly giving great strength without undue weight.

The 36" steel wheels are very strong and have a heavy concave tire 8" wide.

The Madison Two Row Transplanter embodies all of the exclusive features that have combined to make the BEMIS Horse-Drawn Transplanter the leader for more than 50 years.

It sets rows 39" and 42" apart.

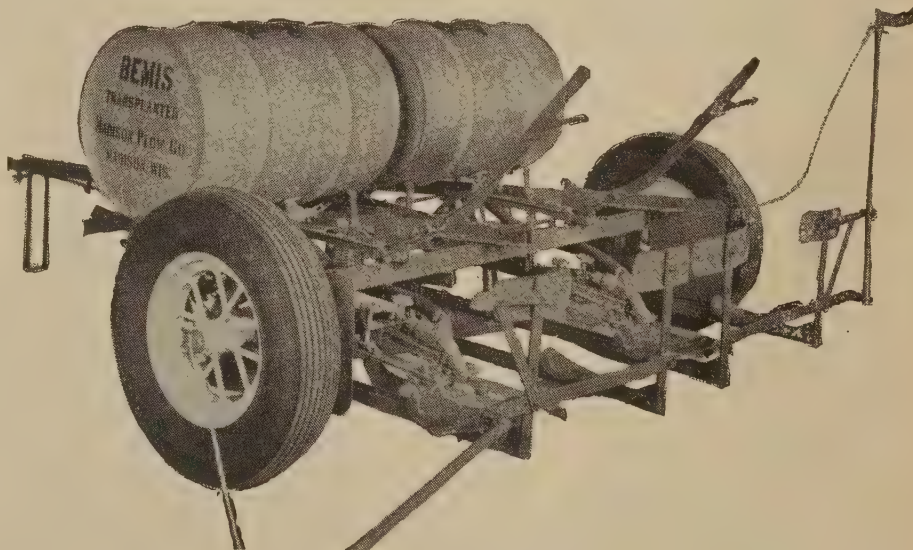
#### Floating Shoe

Only BEMIS transplanters have the full floating shoe. The most essential part of a transplanter is the shoe assembly. On the BEMIS, the entire shoe assembly can be set so it is free to float when the runner is in the ground. The droppers furnish the necessary pressure to keep the runner in the ground and firm the soil about the plants by means of the pressure yoke. This pressure can be adjusted for different weight droppers or different soil conditions by moving the loops attached to the seat bars in different notches in the pressure yoke.

#### No Missing Plants

The Floating Shoe permits the runner to follow the contour of the ground. There are no missing plants in planting across a dead furrow or depression. Every plant is set at a uniform depth; all evenly packed.

The depth lever can be locked at any depth desired.



All Prices FOB Baltimore  
Subject To Change

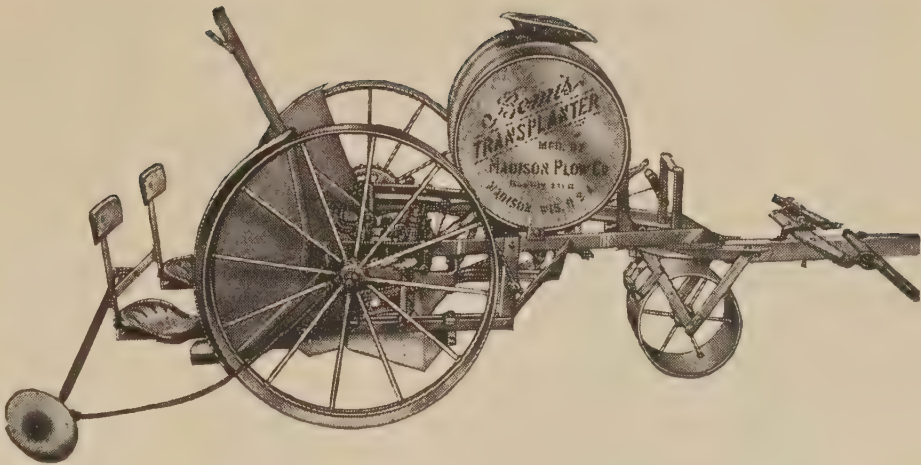


BEMIS TRANSPLANTER

The loss of plants set with a Bemis rarely exceeds 1% compared with a loss of 10 to 40% in plants set by hand. It is not necessary to wait for rain when a Bemis is used. The plants can be set when they are the right size; they start growing quickly; mature early and evenly.

Any Spacing Desired

The plants are evenly spaced, at the exact distance apart that is desired. This insures the maximum number of plants per acre. The distance between the plants in the row can be varied from 11" to 77" apart by using the different sprockets furnished as regular equipment.



Madison Bemis Horse Drawn Transplanters Equipped with single wheel front truck, pressure plates and	
4" Runner .....	\$170.00
5" Runner .....	171.00
6" Runner .....	172.00

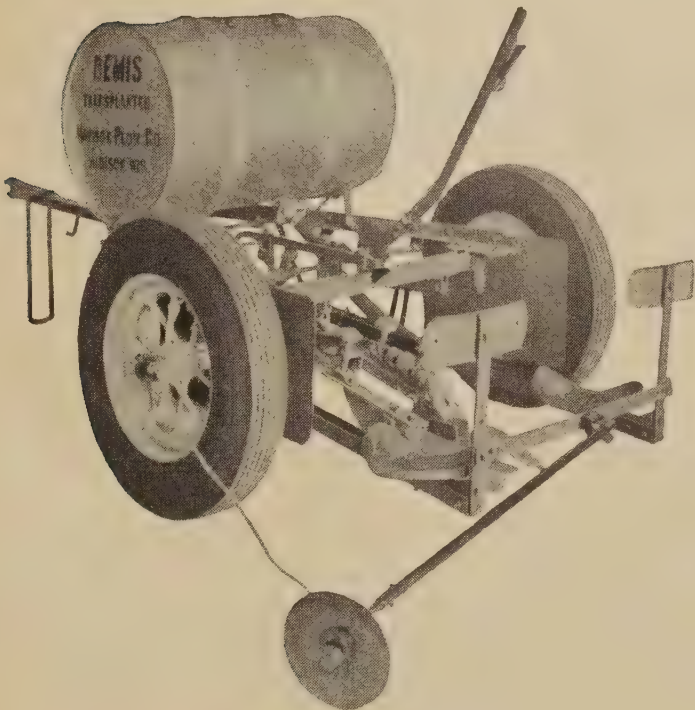
Madison Bemis Horse Drawn Transplanter Equipped with two wheel front truck, pressure plates and	
4" Runner .....	\$171.25
5" Runner .....	172.25
6" Runner .....	173.25

Madison Bemis Tractor Drawn Transplanter—single row equipped with pressure plates and	
4" Runner .....	\$153.25
5" Runner .....	154.25
6" Runner .....	155.25

Madison Bemis Tractor Drawn Transplanter—two row—equipped with pressure plates. Adjustable 39" to 42" rows, and	
4" Runners .....	\$361.50
5" Runners .....	363.50
6" Runners .....	365.50

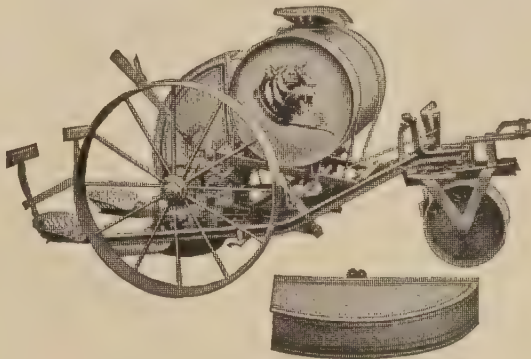
Any of the above machines can be equipped with pressure rollers instead of pressure plates at no additional cost.

Any of the above Transplanters can be furnished with off-set axles and drop center rim wheels for use with rubber tires at no additional cost. Off-set axles are necessary to compensate for the difference in height of the 36" steel wheels and rubber tires. Single Row Transplanters use 6:00x16" tires Two Row Transplanters use 7:50x16" tires Rubber tires are not included.



Single Row  
On Rubber

THE IMPROVED TIGER TRANSPLANTER



The Tiger Transplanter is adaptable to all conditions of planting and spacing; adjustable to all conditions of soil and ground—on hillside or level, will space plants from 14 to 64 inches apart, and operates as readily with either horse or tractor power.

Driver and two planters can set five acres a day without undue strain or hurry. Here is a definite, money-saving implement that will handsomely repay every owner.

Almost human in its operation here is one of the greatest boons to transplanting ever developed. Eliminates packing around the plant; eliminates pouring water on the surface to bake and crack the earth around the plant.

Price .....	\$170.00
Additional for Double Wheel Fore Truck for Planting Sweet Potatoes.....	
	24.00
Fertilizer Attachment .....	36.00



# THE MYERS O. K. HAY UNLOADER, TRACK, FORKS, AND FIXTURES

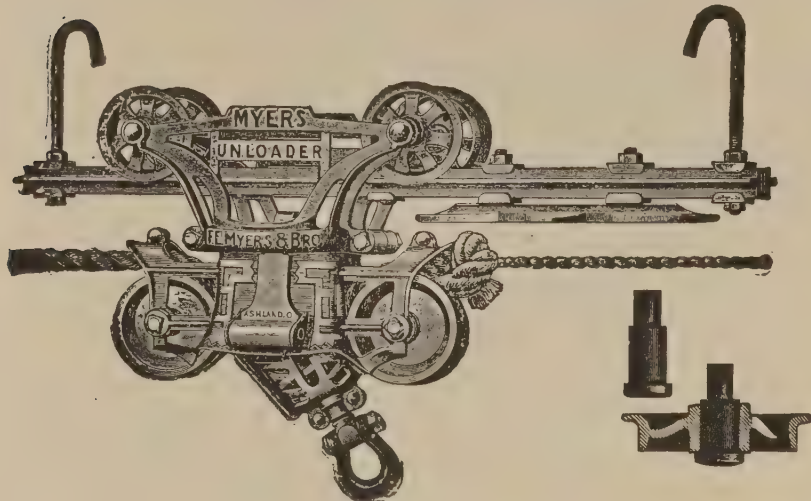


Fig. 2

## Patent Double-Lock Hay Unloaders, Patent Steel Tracks, Slings, Forks, Pulleys, Etc.

We give the above view of Myers Hay Unloader to be used on Myers Double-Angle Steel Track. This is the latest and best hay carrier, and it embodies all the features of the Straight Reversible and Swivel Reversible Carrier and has many advantages over any other machine on the market. It is fitted with the Myers reliable double



Fig. 3



Fig. 8

Fig. 7



Fig. 4

lock, which engages the fork pulley on each side, thus insuring a perfect locking device. The construction insures a satisfactory working carrier under all conditions. The track wheels have turned steel axles, and weight is carried in center of wheel; the rope sheaves are fitted with wide hub and have longer bearings than any other make of carrier. For strength, simplicity, neatness of design and up-to-date features it is without a peer. Price, No. 201—\$21.75. No. 208—\$27.25.

## PULLEYS, HOOKS, ETC.

Rafter Brackets (Fig. 3), each.....	\$ .09
Steel Hooks (Fig. 4), each.....	.28½
Floor Hook, ¾-inch, each.....	.31½
Swivel Rope Hitch.....	1.05
Plain Maple Sheave Pulleys, each.....	1.80
Knot-passing Maple Sheave Pulleys (Fig. 8), each	1.65
Wood Pulley with Hook, each.....	1.80
Wood Pulley with Eye, each.....	1.80
Fork Pulley for 201 Carrier, each.....	2.10
Fork Pulley for 208 Carrier, each.....	3.75
Manila Rope, either ¾ or ⅝-inch diameter, at market prices; about 5 feet to the pound.	

## REGULAR DOUBLE-HARPOON FORK

The best known Fork.

No. 5318E—25 in. Tines.....	\$5.75
No. 5322E Heavy—31 in. Tines..	7.35



Fig. 5

## MYERS PATENT STEEL TRACK



The style of this Track is here illustrated. It is made of two T carbon rails, very hard and stiff. Note the manner of clamping it together so that the two joints do not come opposite each other. A wrench only is needed to put this Track together.

Track, per ft.....\$ .40

## MYERS ADJUSTABLE COMPRESSION GRAPPLE FORK

Made of High Carbon, Heat Treated and Oil Tempered Heavy Spring Steel. Closes and locks itself before returning to the load. Has 26-inch tines. These forks are unlike any other inasmuch as they are not only balanced at all points, but in addition the natural pull on the trip rope closes the fork and locks it securely, thus returning it to the load all ready to enter the hay without any attention whatever from the operator as to setting the lock, etc. It is double braced throughout, making it very rigid and strong.

### Prices:

No. 8455E1—Four Tine—Opens 77 inches—26 in. Tines.....	\$17.00
No. 8455E2—Four Tine—Opens 93 inches—32 in. Tines.....	18.00





## WIRE FENCING

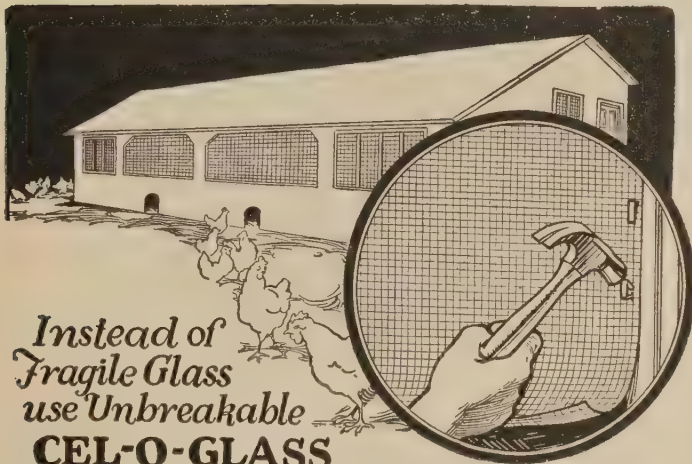


The wire we offer is No. 20 Double-Twist 2-inch Mesh thoroughly galvanized. Sold in bales of 150 running feet. (Galv. After Weaving)

No.	Ins. Wide	Sq. Feet	Per Bale
20	24	300	\$4.00
20	36	450	5.75
20	48	600	7.50
20	60	750	9.25
20	72	900	10.50

### ONE INCH MESH

No.	Ins. Wide	Sq. Feet	Per Bale
20	12	150	\$4.50
20	24	300	8.50
20	36	450	11.50
20	48	600	15.00



### THE NEW UNBREAKABLE GLASS

It is the most economical and practical glazing material on the market. It replaces ordinary fragile—costly glass for nearly every purpose. It is made of coarse mesh galvanized wire cloth, treated in such a manner that the spaces between the strands are filled with a clear translucent flexible substance that will not rub off, peel or become brittle. It is not affected by weather conditions. 36 inches wide. Less than Roll 50c per running foot.

25 ft. Roll.....	\$ 9.25
50 ft. Roll.....	18.50
100 ft. Roll.....	37.00

#### Binder Twine

5 lb. Coil \$1.50 — Bale of 50 lbs. \$13.50

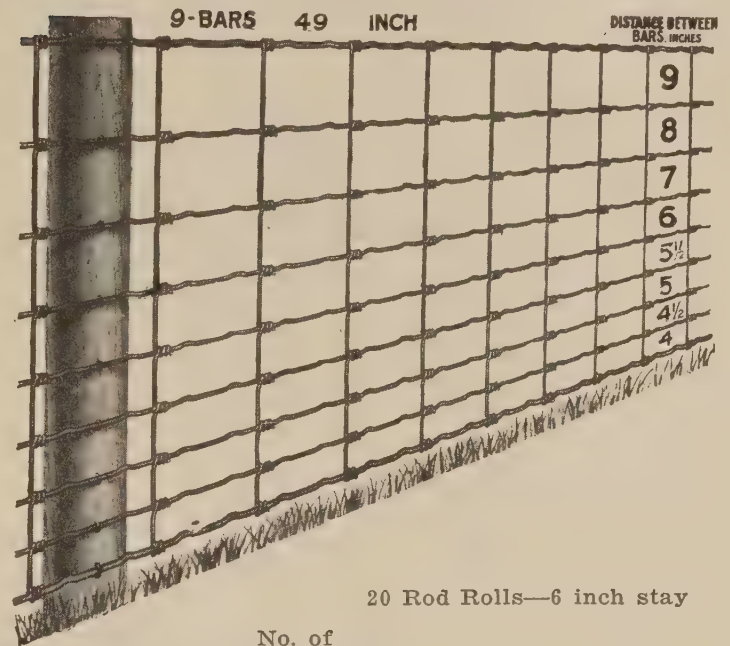
#### Fodder Yarn

25 and 50 lb. Coils per lb. 35c

#### Jute Twine

½ lb. Balls 30c each

## FOR HORSES, CATTLE, SHEEP, HOGS AND ALL FARM ANIMALS



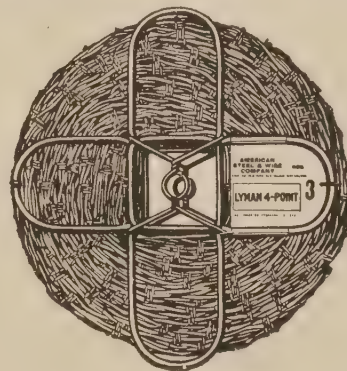
Height	Design No.	No. of Horizontal Bars				
26 in.	726	7	12½	Gauge	Per Roll	\$30.00
32 in.	832	8	11	Gauge	Per Roll	22.50
47 in.	1047	10	11	Gauge	Per Roll	15.50

### POULTRY, GARDEN AND RABBIT FENCE

Top or bottom boards not required with this Poultry Fence on account of the close spacing between bottom line wires. An ideal chicken and rabbit-proof fence. Can be stretched like a field fence. Made in 48 inches and 58 inches high. Stay wires 6 inches apart. Furnished in 10 rod rolls.

Top and bottom wire No. 11. Intermediate and stay wires, No. 14½.

No.	Bars	Height				
2158	21	58 in.	10	Rod Roll.....	\$13.00	
1948	19	48 in.	10	Rod Roll.....	15.00	



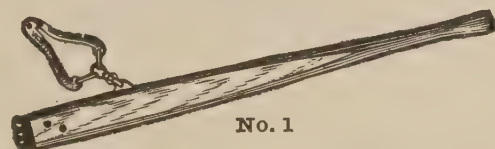
### GALVANIZED BARB WIRE

Standard 80 rod spools. 4 point.

4 or 6 inches between barbs for Hogs or Cattle.

Per Spool .....\$8.00

### WIRE STRETCHER



Universal .....	\$3.00
No. 1—Townsend .....	3.00
Gem—C.P.B. Stretcher with rope.....	2.65
Golden Rod All-Purpose Fence Tool.....	5.95

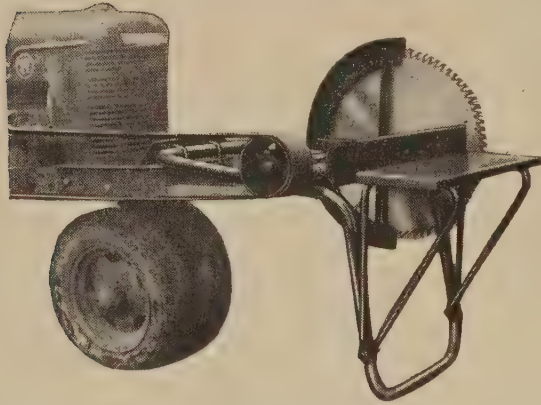
### HUSKING-PINS

No. 7-Y. With cot more open between the fingers. Grain leather. ....	30c
No. 100-Y. Cold rolled steel, 4½", nickel-plated pin, with split leather shield, double compartment, and adjustable finger-strap. ....	25c
No. 00-X. Clark's "Hickory" Pin, 4½", made of best cold rolled steel, with one compartment.....	15c



# SAWS

## THE "IRELAND 33" TRACTOR-MOUNTED TYPE



### For Ease in Cutting Your Fuel Wood . . .

The heavy 2 in. Tubular Steel Frame is rugged. Electrically welded, one-piece rigid construction gives maximum strength without excessive weight. One man can mount rig to tractor and swing it up into traveling position.

The big Table is "balanced" for easy day-long operation. Swings true. Cuts long or short sticks square-ended for easy splitting. 33 inch table handles longer logs without effort of operator to hold them down.

J33—Tractor Saw Frame only.....\$55.00

Machine Complete Above With Hitch and Belt. Less Saw.

J33—For Allis Chalmers "B" or "C".....\$67.50

J33—For Allis Chalmers "RC" or "WC".....68.75

J33—For Case "SC".....72.75

J33—For John Deere "A" or "G".....72.50

J33—For John Deere "B".....73.25

J33—For John Deere "H".....72.50

J33—For John Deere "M".....71.50

J33—For Farmall "A" or "B".....67.00

J33—For Farmall "H".....72.00

J33—For Farmall "M".....71.50

J33—For Farmall Cub.....66.75

J33—For Ford, Dearborn or Ferguson.....69.00

J33—For Leader.....69.00

J33—For Massey Harris "30" or "44".....72.75

J33—For Massey Harris "20" - "55" or "81".....70.00

J33—For Massey Harris 101 Jr.....72.75

J33—For Massey Harris 101 Sr.....73.50

J33—For Massey Harris Pony.....64.00

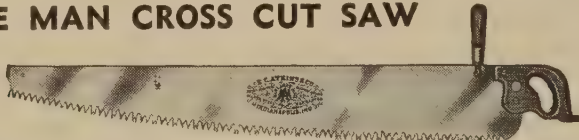
J33—For Oliver Row Crop "60" or "66".....76.00

J33—For Oliver Row Crop "70" or "77".....75.25

J33—For Willys-Overland Jeep.....

Blade Prices opposite on this page

### ONE MAN CROSS CUT SAW



3 foot, \$3.60

3½ foot, \$4.25

4 foot, \$4.75

26-inch—1¾ hole	.....\$ 9.30
28-inch—1¾ hole	.....10.80
30-inch—1¾ hole	.....12.40
32-inch—1¾ hole	.....14.15

### WIDE BLADE CROSS CUT SAWS



	5 ft.	5½ ft.	6 ft.
No. 33c—Perforated Tooth (As Shown) ..	\$5.00	\$5.50	\$6.00
No. 2—Champion Tooth.....	4.60	5.10	5.50

### NARROW BLADE CROSS CUT SAWS



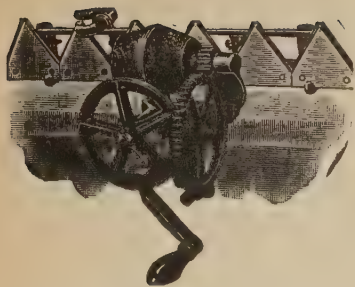
	5 ft.	5½ ft.	6 ft.
No. 99—Perforated Tooth (As Shown) ..	\$3.50	\$3.75	\$4.15
No. 77—Champion Tooth .....	3.00	3.30	3.65

PRICE OF CROSS-CUT SAW IS WITHOUT HANDLE. CLIMAX HANDLES, 95c PER PAIR

ALL PRICES F.O.B. BALTIMORE, SUBJECT TO CHANGE WITHOUT NOTICE

GRIFFITH & TURNER, 124 N. Paca St.—Saratoga 2300-2301





## SICKLE AND TOOL-GRINDER

A simple, compact, and serviceable hand-power Sickle and Tool-Grinder. Can be clamped either to a mower wheel or to a bench. The tool is  $4\frac{1}{2} \times 1\frac{1}{4}$  inches.

With Bevel Tool Wheel.....\$8.00  
Bevel Wheel as an extra..... 2.00  
No. 4 C—Flat Grinding Wheel..... 1.75



## GRINDSTONES

No. 120. Steel Frame, anti-friction ball bearings. Steel axle. Bushings hold stone securely to axle. Good grade Ohio stone. 20 inches in diameter. Thickness  $1\frac{1}{4}$  to 2 inches. Price \$13.00.

Ohion—Table Model.....\$5.00  
Loose Grindstones.....7c lb.

## GOLDEN ROD HYDRAULIC PUMP OILERS "DELUXE" "JUNIOR"

World's finest hydraulic oiler. Extra heavy welded steel construction. One-piece natural-grip steel handle. Strongest known spout with replaceable tip. Precision built all metal rust-proof pumping assembly. Handles any oil that flows—from gasoline to heaviest oils. Leak-proof and pumps oil when held in any position. Delivers 1 to 150 drops per stroke as desired—no waste. Produces 250 lbs. tip pressure. Easily taken apart for cleaning or repairing.



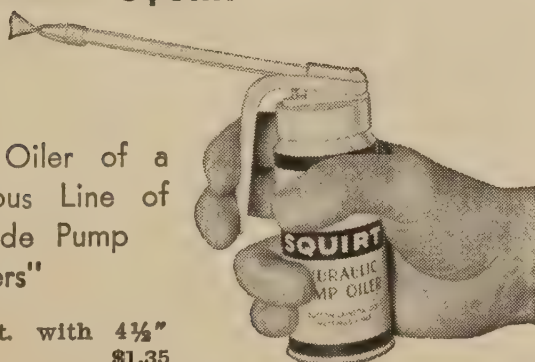
No. 105— $\frac{3}{4}$  pt. with 6" Spout...\$2.00  
No. 120-A3—2 pt. with 15" Flexible Spout ..... 3.10  
No. 120-C3—1 pt. with 10" Flexible Spout ..... 2.60



## "SQUIRT"

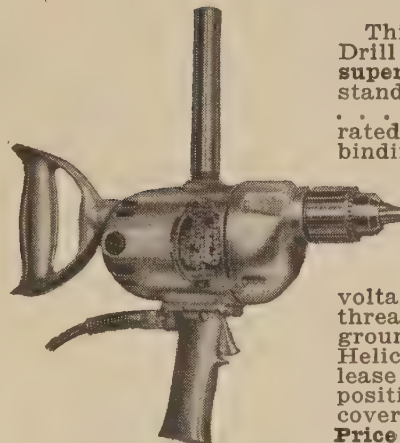
"The Baby Oiler of a World Famous Line of High Grade Pump Oilers"

No. 100— $\frac{1}{4}$  pt. with  $4\frac{1}{2}$ " Spout .....\$1.35



## BRADFORD PRECISION ELECTRIC DRILLS

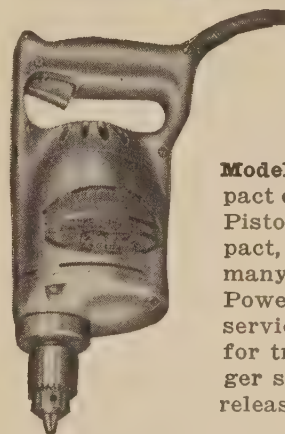
100% BALL BEARING



This sensational new  $\frac{1}{2}$ " Drill is light, compact, and super-powerful. As a result, it stands up under toughest jobs... will operate far beyond rated load without stalling or binding.

### Metalmaster $\frac{1}{2}$ " DRILL

Model 48 — Standard voltage 110 AC-DC. Jacobs threaded back chuck and key, ground threads on spindle. Helical gears. Automatic release 2-pole trigger switch with positive lock. 15 ft. of rubber covered 3 conductor cable. Price \$55.00.



### Metalmaster $\frac{1}{4}$ "

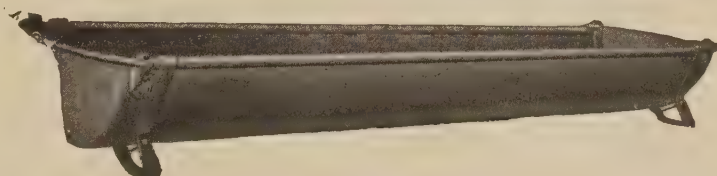
Model 25—Multi-purpose, powerful, compact drill. All ball bearing. Jacobs chuck. Pistol grip. 110 or 220 volts AC-DC. Compact, light weight, streamlined drill for many uses. Helical gears throughout. Powerful motor capable of giving rugged service. Ground threads on chuck spindle for truer running chuck. Two pole trigger switch, with positive lock and quick release. Price \$42.00.

## CHAMPION THREE-GEARED SELF-FEED POST DRILL No. 95

### MADE WITH BALL BEARINGS

No. 95—Champion self-feed three geared ball bearing post drill is stocky in design. It has three gears to give second speed same turning direction of the crank as the first speed. Drills to center of a 16" circle. Drills from 0 to  $1\frac{1}{4}$ " hole. Spindle  $1\frac{1}{8}$ " in diameter has up and down run of 3". Greatest distance from table to spindle 10". Height of Drill, 46". Spindle bored like Champion never slip chuck to take in  $\frac{1}{2}$ " straight shank drill bits. The end thrust ball bearings save 50% in power and are made from the highest grade of lathe turned tool steel. Weight 110 lbs. Price \$40.00

## GALVANIZED STEEL STOCK TROUGHS



These Troughs will not rust or corrode and will not damage by freezing.

Length	Width	Capacity
4 ft.	16 in.	24 gals.
8 ft.	16 in.	48 gals.
4 ft.	20 in.	40 gals.
6 ft.	20 in.	60 gals.
8 ft.	20 in.	80 gals.
10 ft.	20 in.	100 gals.

Prices On Application

## HEAVY CAST-IRON HOG TROUGHS

No danger of bursting in winter. 11 inches wide at the top, 2 inches at bottom, and 5 inches deep. Made from 2 to 8 ft. long. .... per ft.

ALL PRICES F. O. B. BALTIMORE  
SUBJECT TO CHANGE WITHOUT NOTICE



## ASEPTIC MILKING TUBES



For Cows with Sore Teats

Insert one in the teat and the milk will flow.  
Self-retaining .....25c

## PURPUL WAX TEAT DILATORS

Box of 18 .....25c

## SANITARY MILK STRAINERS

Made from heavy steel pressed in one piece, has heavy removable perforated steel well-tinned discs, between which you use the Sanitary cotton filter pads.  
No. D512—12 qts.....\$2.15  
No. D614—14 qts..... 2.75



Strainer Pads. Cheese cloth facing for sanitary milk strainers.  
No. PC106—6", Pkg. of 100

No. PC106½—6½", Pkg. of 100  
\$1.25  
\$1.35

## MILK KETTLES

Seamless cover and neck, bottom reinforced with steel band.

No. D304—4 qt.....\$1.90  
No. D308—8 qt..... 2.50  
No. D312—12 qt..... 3.00

## DAIRY PAILS

No. D110—10 qt. ....\$ .80  
No. D112—12 qt. .... .85  
No. D5212—12 qt. .... 1.20  
No. D5214—14 qt. .... 1.25  
No. D7512—12 qt. seamless.... 3.30  
No. D7514—14 qt. seamless.... 3.50  
No. G214—Heavy Galvanized Farm Pail .....\$1.10



## CEDAR CYLINDER CHURN

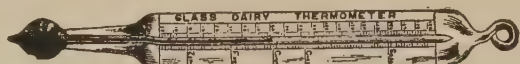
There are a number of Cylinder Churns on the market sold at a lower price, but they are made of pine or other inferior wood, while these are all of selected cedar, free of knots.

No. 1—3-gal. ....\$ 7.00  
No. 2—4-gal. .... 7.25  
No. 3—7-gal. .... 9.50  
No. 4—10-gal. .... 11.25



## BUTTER COLOR

The best Butter Color on the market. Small bottle, colors 500 lbs. 35c; large bottles 65c.



## FLOATING DAIRY THERMOMETERS

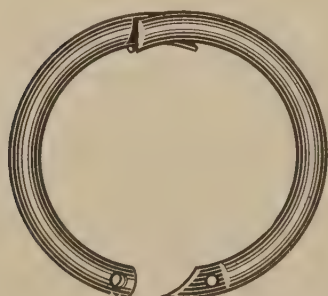
Red Mercury....\$ .60      Black Mercury....\$ .70

## MILK BOTTLE CAPS

Package of 500 55c; postpaid.....\$ .65  
Package of 1000 \$1.05; postpaid..... 1.20

## PARCHMENT BUTTER PAPER

We handle only the very best quality cut in the following sizes: 6x9 for ½ lb. prints. 9x12 for 1 lb. prints. Per lb. 45c; by P. P. 53c; 5 pounds \$2.00; by P. P. \$2.15.



## BULL RINGS

Easy Piercing Type

Copper 2¾ in., 35c. Postpaid 45c each; 3 in. 45c. Postpaid 55c each.

## BAG BALM

For teat and udder ills and all farm healing, combines the virtues of a refined, medicated ointment with an exclusive, liniment-like oil that penetrates and promotes quick healing. For caked bag, cowpox, chapped, cracked and sore teats, bunches, chafing and inflammation. 75c.



## CARBOLA—DDT

A white paint in powder form combined with a disinfectant many times stronger than pure carbolic acid. Contains DDT. 5 lbs. (2½ gals.) 75c; 10 lbs. (5 gals.) \$1.25; 50 lbs. (25 gals.) \$4.85.

## KOW-KARE



The concentrated tonic, conditioner and regulator to promote assimilation, aid low-cost milk production and build up vigor for calving. A small dosage daily is a valued aid in getting more milk from the same feed, and averting many ills that threaten loss of dairy income. Give Kow-Kare for a few weeks before and after calving and you will save many worries at this critical time. Small size 75c; large size \$1.35.

## DR. BLACKMAN'S MEDICATED LICK A BRICK SALT BRICK

Price 30c each

## SUGAR CURING MEAT SALT

Sterling Sugar Curing Meat Salt is made from highest quality evaporated salt, brown sugar, salt-peter and spices, refined condensed wood smoke. It eliminates the necessity of smoking as a part of the cure.

10 lbs. will cure about 100 lbs. of meat.

7½-lb. can .....\$1.25  
Quick Cure—7½ lb..... 1.50  
Pump ..... 2.50  
Sausage Seasoning—10 oz. .... .45

## B. K. POWDER

### DISINFECTANT DEODORANT



B-K is a chlorine powder which, because of its germicidal and bactericidal action, enables the dairy farmer and milk plant operator to keep his equipment sanitary and helps to reduce bacteria counts in milk.

B-K may be used in hot or cold water. 1¾ lb. \$1.50.

## GENERAL MANUAL KLEANSER

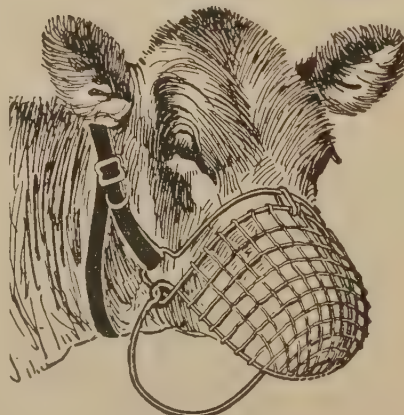
A SOAPLESS WASHING POWDER FOR WASHING DAIRY UTENSILS AND EQUIPMENT BY HAND

This modern cleanser is especially adapted to cleaning in both soft and hard waters. It forms suds, cleans rapidly, penetrating milk film, and rinses readily without leaving sediment or streaks on the utensil.

5 lb. Pkg.....\$1.00  
10 lb. Pkg..... 1.75



## SHAW'S CALF WEANERS



The SHAW'S CALF WEANER is thoroughly practical. The action is entirely in the basket, it being hinged to the end of the nose piece. The basket is made of heavy galvanized wire, with extra bars running through. The halter that goes over the neck is made of solid leather, and can be adjusted to suit the calf's head.

Prices: No. 1, 75c. No. 2, 85c. No. 3, \$1.00.



## HAWKINS FLOATING TRACTOR SEAT MOUNT

Farmer uses own tractor seat. Easily installed on any tractor.

On most tractors, simply remove the seat, bolting the mounting where the seat was and then fastening the seat on the floating arm.

On the Fordson tractor the mount sits on the frame.

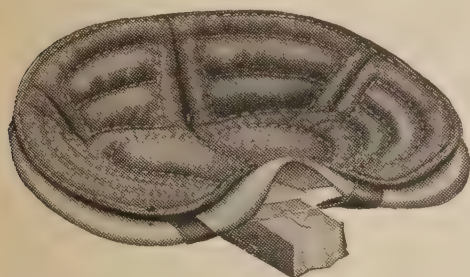
No bucking, no jolts, no side wacks.

It permits the operator to actually "float free." It gives the operator a level seat at all times whether on side hills or plowing deep furrows. You can't hit bottom. Seat "cushion" is easily adjusted to man or boy by increasing or decreasing spring tension. \$9.95.



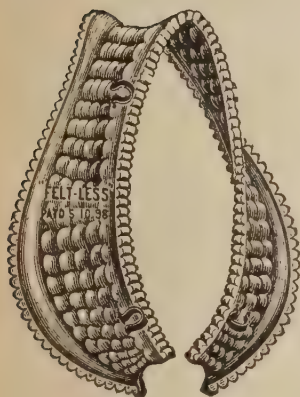
## TRACTOR & IMPLEMENT CUSHION

TA-PAT-CO cushions are made from fine quality heavy drill padded with genuine deer hair and jute to insure maximum resiliency. All are equipped with strong web tie tapes.



**T.C. 200** — This bucket type has extended back and high shaped sides to fit new type tractor and implement seats. Cushions both hips and back. \$1.75.

**A.C. 100** — Flat type for implements and flat type tractor seats. Shaped for maximum comfort and ease. \$1.25.



## SWEAT-PADS

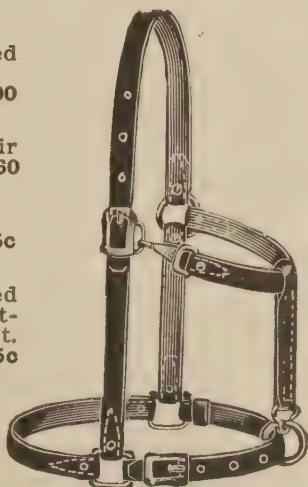
Felt-less

Pinked felt edges; composite filling; four hooks; old-gold drill. Best on the market.

18 and 19 inches.....\$1.00  
20 and 21 inches..... 1.05  
22 and 23 inches..... 1.15

## HAME-STRAPS

1-in., riveted.....\$0.50



## LEATHER HALTERS

Horse Halters. 1 1/4 in., riveted leather. \$2.35 each.  
Cow halter .....\$2.00

## IRON TRACE-CHAINS

Per pair  
7 1/2-8-2 with hook.....\$1.60

## COW-CHAINS

No. 2-0. Bulldog Cow Tie, (Ohio pat.) .....35c

## OIL-CANS

No. 77. Made from cold rolled steel. Clock spring steel bottoms. Straight or Bent Spout. 15c

## OPEN SIDE-LAP LINKS

Polished; 1/2 x 2 1/2 in., open end. 15c each.  
5/8 x 2 1/2 in., side open, 20c each.

1/4-10-2 Repair Links 30c doz.

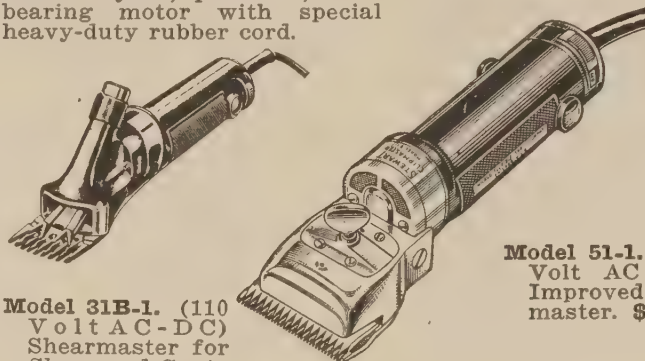
## AXLE GREASE

1 lb. ....\$ .15  
10-lb. pail .....\$1.25

## STEWART CLIPPING MACHINES NEW COOL CLIPMASTER AND SHEARMASTER

For Cows, Horses, Mules, Dogs, Sheep

Here's the greatest advance in 50 years. Two multiple-leaf steel springs fixed at the back of the clipper head hold the top blade against the bottom blade at the right degree of tension, cushioning the movement of the top blade and making the Model 51 the most silent, smooth running clipper ever made. Permits easier adjustment of tension. Reduces friction. Blades stay sharp longer. Runs lighter, easier, cooler, clips faster and better. Quiet, powerful, ball-bearing motor with special heavy-duty rubber cord.



**Model 31B-1.** (110 Volt AC-DC) Shearmaster for Sheep and Goats with 2 Combs and 4 Cutters. \$39.75

**Model 51-1.** (110 Volt AC-DC) Improved Clipmaster. \$32.50.

F.O.B. Baltimore

## Extra Blades and Parts for Stewart Clipping Machines

No. 83AU—Top Blade for No. 51.....	\$1.45
No. 84AU—Bottom Blade for No. 51.....	1.95
No. 90—Top Blade for D1, D2 and C1.....	1.65
No. 99—Bottom Blade for D1, D2 and C1.....	2.15
No. 360—Top Blade for B1.....	1.65
No. 361—Bottom Blade for B1.....	2.15
No. 4HB—Shearmaster Comb .....	1.40
No. 4HA—Shearmaster Cutter .....	.60
No. 277—Narrow Comb .....	1.35
No. 276—Narrow Cutter .....	.55

## HOG RINGS

Fig-Rings.

Box of 100....15c

Shoat-Rings.

Box of 100....15c

Hog-Rings.

Box of 100....15c

Hog-Scrapers.

each .....25c



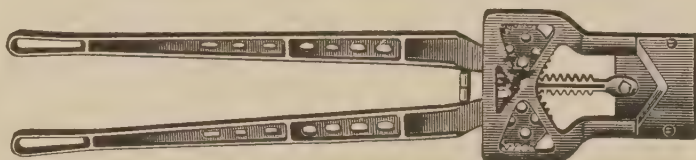
## HORSE MUZZLES

No. 2 Heavy

Galvanized

wire 20c each.

## KEYSTONE DEHORNING CLIPPER



The practice of dehorning cattle is coming more into vogue. It is a mercy to the animals. Prevents goring. The blades on the Keystone are made of best steel. No twisting motion or second cut on horn. Parts are all interchangeable, and can be replaced. It is approved by veterinary surgeons and leading dairymen. The horns must go, and they cannot go too soon.

Clipper with extra blades and screw, fully warranted.

Our special price.....\$22.00



## GARBAGE CANS

Hot Dipped  
Galvanized

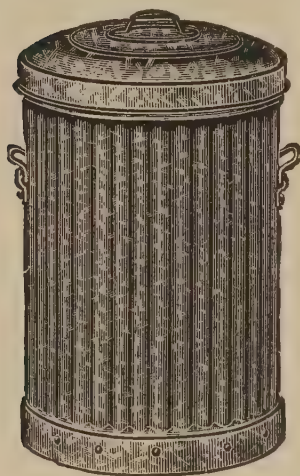
No. 706—Bale Lock Cover, 6-gal. ....	\$1.75
No. 708—8-gal. ....	2.25
No. 710—10-gal. ....	2.45
No. 720—20-gal. ....	3.70



### ASH CAN

With Cover  
Dropside Handles  
Hand Dipped  
Galvanized

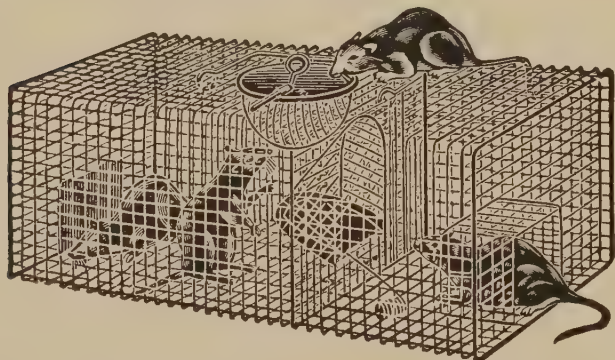
No. 515—15-gal. ....	\$7.00
No. 518—18-gal. ....	8.00
No. 520—20-gal. ....	9.00



### HANDY GALVANIZED PAILS

No. 1102—10-qt. ....	\$0.70
No. 1122—12-qt. ....	.75

### KATCH-ALL RAT TRAPS



18 inches Long  
8 inches Wide

7 1/4 inches High  
2 x 2 Mesh Cloth

The principal feature of these traps is the bait cup which keeps the trap permanently baited, and does not allow the animal to eat the bait.

Each .....\$1.35

### TANGLE PROOF TIE-OUT POSTS

All Steel—Cadmium Plated—Rust Proof

Impossible to tangle in any way. Has swivel snap welded on free turning sleeve. Easy to hook chain on or off. Swivel keeps chain from kinking. Simply drive in ground, tethering dogs, goats, ponies, cows and horses.

1/2-in. Post, 20 in. long, 16 in. in ground.....\$1.65

5/8-in. Post, 24 in. long, 20 in. in ground..... 1.85

### FARM BASKETS Rubber Coated

Heavy rubber coating prevents bruising and damage to crops. Ideal for potato harvesting, handling all types of fruits, vegetables, root crops and eggs. Provides a weatherproof coating that will not mark the eggs. Cushion effect of the rubber reduces egg breakage. Wire construction prevents collection of dirt and debris. Comfortable, easy-grip handle.



3/4-Bu., Rubber Coated .....	\$3.30 each
5/8-Bu., Rubber Coated .....	2.80 each
1/2-Bu., Wire .....	1.25 each



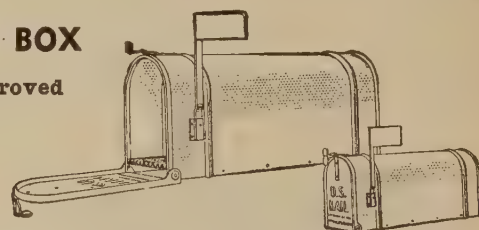
### WINDOW BOXES

Window Boxes. Metal Self-watering with Inner Plate and Drain Screw (green).

20 inch .....	\$2.50
26 inch .....	3.00
32 inch .....	3.50

### RURAL MAIL BOX

Government Approved



No. 1 Rural Mail Box is a strong, roomy, good looking receptacle, built for long-lasting service. It is made from weather-resistant galvanized steel and coated with aluminum paint. Inside corners and edges are smooth and rounded—won't tear your letters or packages. The corrugated bottom acts as a drain to carry off any moisture that may accumulate in the box. ....\$2.50

### TRASH BURNERS

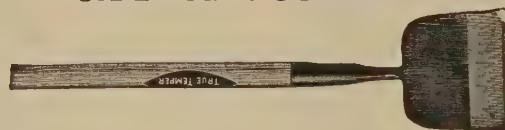
The best way to dispose of your wastepaper and rubbish is to burn it in a Consumer. Avoids danger and helps to keep the yard and lawn clean from litter.

No. E—Skyscraper. 16 in. x 16 in.—30 in. high.....\$5.50

### WIRE TRASH BURNERS

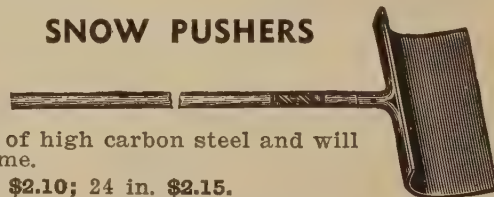
17 in. top, 15 in. bottom, 24 in. high.....\$2.00

### SIDEWALK SCRAPERS



No. RHSC .....	\$1.25
No. SC .....	1.75

### SNOW PUSHERS



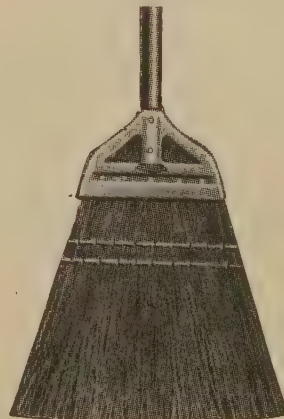
Blades made of high carbon steel and will wear a long time.

Scraper. 18 in. \$2.10; 24 in. \$2.15.

### SNOW SHOVELS

No. W.D.—Light D Handle.....	\$1.25
No. SNO—D Handle .....	1.60
No. 55—Long Handle .....	1.50

### UPRIGHT FIBER BROOM



Tough Bass fiber that really wears. The Bass fibers, imported from Africa and Brazil are anchored in a riveted steel cap that makes this Broom strong but light weight. 42 inch handle.

Fiber Brooms are excellent for wet sweeping because water does not damage the Bass fiber. ....\$2.25



## Double Wall

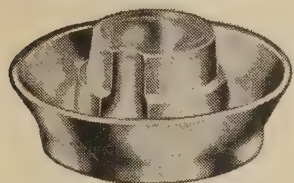
This is a big value 5 gallon fountain. Substantial, yet inexpensive. Simple construction, all brass self-closing valve holds water in tank when jacket is removed. Fitted with inside carrying handle. Saucer-shaped wade-proof pan. Roost-proof high-dome top.

**No. K5**—Fountain. 5 gallon; height 17½ in. overall; pan 15 in. diam. \$3.70.

**No. K5H**—Fountain. K5 Fountain with 5H Heater. \$6.50.



No. K5



## Glass Jar Fountain

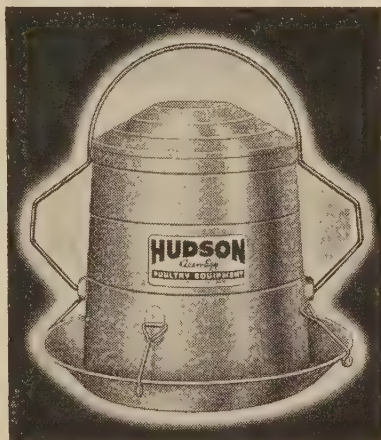
Less Jar 15c Each.

**No. G-25 Galvanized**...11c Each

## Single Wall



**No. C3**—3 Gallon



**No. C5**—5 Gallon

The handle is reversible and top part of fountain forms a pail which may be cleaned, filled and carried at will. Made of heavy galvanized steel, easy to keep clean. Drinking pan is one piece, has smooth rolled edge especially designed for small chicks.

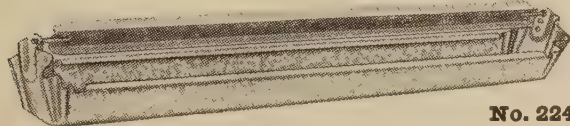
**No. C3 Fountain.** Capacity 3 gallon. Height 12½ inches, 11 inches diameter.....\$1.95 Each

**No. C5 Fountain.** Capacity 5 gallon. Height 14 inches, pan diameter 15 inches. Fine for broilers and hens. \$2.60 Each.

**No. C5H Fountain (Heated).** C5 Fountain with 5H Heater. \$5.40 Each.

**No. 5H Oil Burning Heater.** Only.....\$2.80

## CHICK FEEDERS (Reel Type)



No. 224

Die formed from heavy galvanized steel.

**No. 118**—18 in. ....\$0.25

**No. 224**—24 in. ....40

**No. 61**—Ideal. 20 inch.....50

**No. 62**—Ideal. 32 inch.....60

**No. B-30**—Ideal. 30 inch.....90

**No. B-42**—Ideal. 42 inch.....1.05



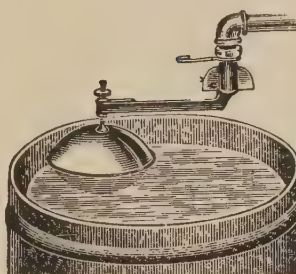
No. 6360

Adjusts to three convenient positions according to chick size. Welded ends. 2 in. deep, 4 in. top width, 3 in. bottom width.

**No. 6360**—36 in. ....\$1.00

## HUDSON FOUNTAINS, FEEDERS FLOAT VALVES

FRESH WATER ALL THE TIME



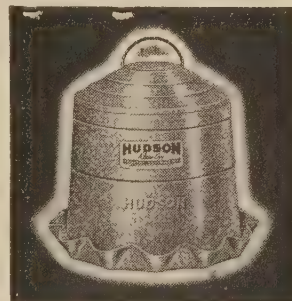
**No. 163.** Automatically regulates flow of water into a drinking pan. Made of brass. Float and arm may be raised while pan is removed for cleaning. Valve threaded for both ¼ and ½ in. pipe and can be attached to any water pipe, bowl or tank. Will operate on pressure up to 50 pounds. Capacity about 2½ quarts a minute. May be used with any type crock, pan or trough. One in carton. Weight 1 pound. ....\$1.20 Each

## Single Wall

A Handy-Fill Chick fountain equipped with a snap-on cupped pan. This provides more drinking space. Cups are designed to prevent chicks getting in the water. The fountain is inverted for filling. Can be carried when full without spilling. Equipped with carrying handle.

**No. A4 Fountain.** 1 gallon..\$1.00

**No. A8 Fountain.** Capacity 2 gallons .....\$1.30

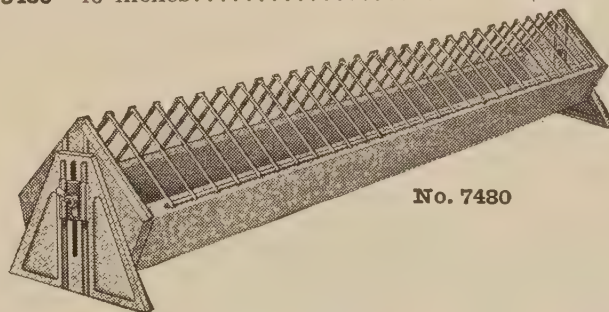


No. A8

## BROILER FEEDERS (Grill Type)

Extra Large Feeder with fully adjustable metal stands and adjustable 4-blade reel. Day old chicks to well past broiler age. Feeder trough 2½ in. deep, 4½ in. wide at top, ½ in. feed saving lip. Welded ends.

**No. 5480**—48 inches.....\$1.60 Each

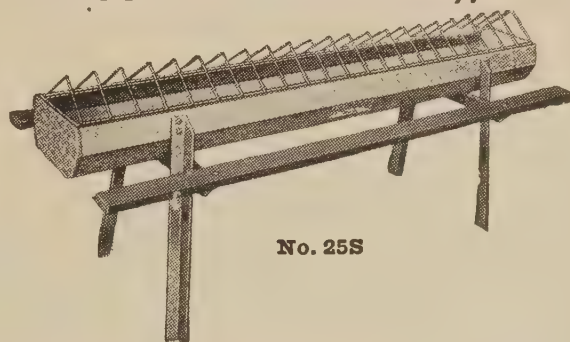


No. 7480

Chicks two weeks of age until finished broilers. Raise stands as chicks grow. Extra large capacity steel trough. 6½ in. top width, 3 in. depth, 1 in. feed saving lip, no rough edges. Hinged grill, wires spaced 1½ in. on center. **No. 7480**—48 inches .....\$2.25 Each

**No. 51**—Ideal. 42 inch.....\$2.25

## FLOCK FEEDERS (Grill Type)



No. 25S

High grade substantial, inexpensive feeder suitable for growing birds and full grown stock. Handles dry mash, grain, shells, grit, and other feeds. Easy to keep clean—easy for hens to clean up feed. No sharp or rough edges. Convenient hinged grill. Wires spaced 2½ inches. Stands 16 inches from floor.

**No. 25S.** 5 feet long. Trough 9 inches wide, 4½ inches deep, holds 40 pounds or 4½ pecks dry laying mash. Serves 60 hens.....\$6.00 Each

**No. 28S Feeder.** 8 feet long. Trough 9 inches wide, 4½ inches deep. Holds 64 pounds or 7 pecks of mash. \$3.80 Each

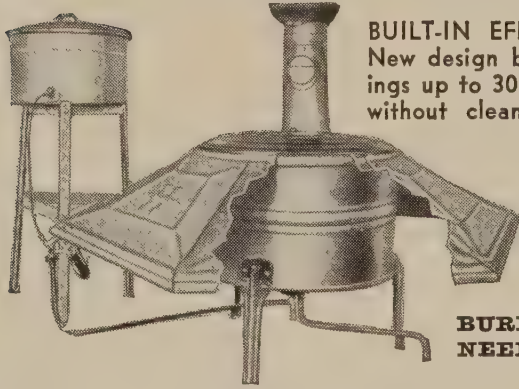
**No. 350 Feeder.** A popular feeder for growing and grown stock. Capacity 40 lbs. or 1½ bushels. Trough is 9 inches wide, 4½ inches deep, 1 inch feed saving lip. All edges folded or curled to make smooth sturdy feeder. Fitted with sturdy tinne wire grill hinged for convenient filling and cleaning. Mounted on 9 inch channel steel legs, braced and supported 5-foot length. ....\$3.60 Each

**No. 60FS**—Ideal. 5 ft.....\$7.35



## BROODERS

### "MOTHER-HEN" OIL BROODER



**BUILT-IN EFFICIENCY**  
New design burners. Fuel savings up to 30%. Works better without cleaning. Choice of 3 hover sizes. Automatic operation. Micro-Tem Temperature Control.

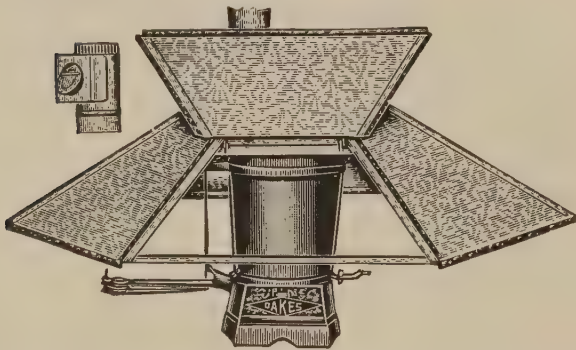
**BURNER NEVER NEEDS CLEANING**

This new, scientifically designed burner is draft proof and efficient. It gives a steady, intense heat, never needs cleaning. Three hover sizes—48", 54" or 66"—according to quantity and size of chicks. All sizes interchangeable on the same stove. The 6-gallon oil tank (average 2 days' fuel supply) reduces refueling service.

**Specifications:** Includes pipe cap, draft regulator, oil tank, copper tubing, valve and all necessary fittings. Heavy-gauge, ribbed reinforced blue-steel drum 22" diameter, 13" deep. Edge of hover 11½" from floor.

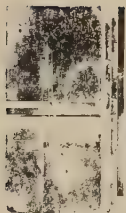
- No. 1200—Mother-Hen Brooder. (No Hover).....\$17.95
- No. 1248—375 day-old chicks. 48" hover..... 4.80
- No. 1254—500 day-old chicks. 54" hover..... 6.00
- No. 1266—750 day-old chicks. 66" hover..... 8.80

### PREMIER COAL BROODER

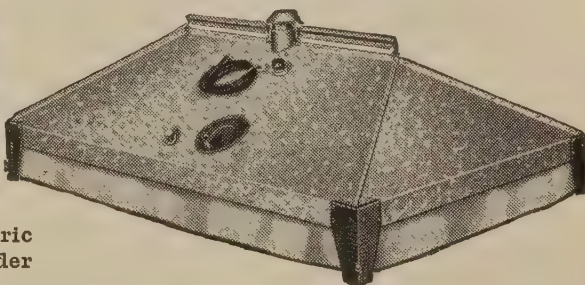


No. 40A—Coal capacity, 75 lbs.; height, 28¼ in.; grate, 10½ in. Galvanized canopy, half-hinged, 62 in. **Price \$33.15**

### ELECTRIC BROODERS



Electric  
Brooder



**Evenly Distributed Heat.** Two powerful enclosed heating elements provide plenty of heat throughout the brooder. An outside pilot light tells when heat elements are on.

**Automatic Temperature Control.** Desired temperature maintained by positive thermostat control. Insulation is moisture-resisting and helps reflect heat rays downward into the brooding area.

**Easy to Use, Convenient.** Handy inspection door. Plenty of room inside for feeders and fountains up to 2-gallon size. Detachable heavy duck curtain. Adjustable legs allow extra head room as chicks grow. Hover slopes to prevent roosting. Plugs into 110-120 volt A.C. socket. Complete with cord and plug.

- No. 4872—500 day-old chicks. 1,100 watts. 48x72 in. \$47.20
- No. 4848—300 day-old chicks. 700 watts. 48x48 in.. 36.00

### NATIONAL IDEAL ELECTRIC BROODERS

No. 500D—DeLuxe Electric Brooder is "the finest of them all." Finer because of generous size, 48 x 72 inch; its big 22 inch twin reflectors and heaters; its heavy, pre-war metal hover; and triple insulation. 500 chick capacity—1,000 watts—shipping weight set up 110 lbs. \$43.50.

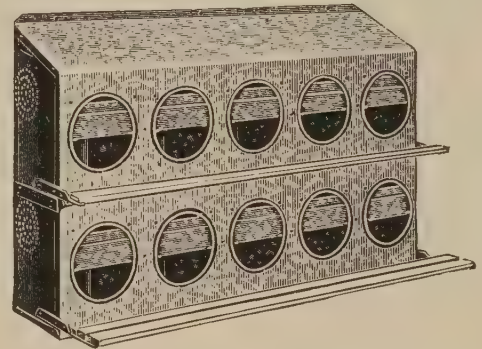
No. 350D—48 x 50 inches—350-400 chick capacity—800 watts—shipping weight set-up 84 lbs. \$33.00.

No. UB42—The new all galvanized steel Chik-Saver Electric Brooder. This full sized Brooder with about 1,600 square inches of floor space is fully insulated. 36 x 42 inches—200 chick capacity—500-watt heater—Shipping weight 43 lbs. \$16.95.

No. UB50—Battery Brooder.—Heavy galvanized steel construction throughout—24 and 26 gauge. 31 inches wide by 41 inches long by 11 inches high—overall size. 24 in. by 36 in. with 9½ in. headroom) ½ inch mesh metal floor with heavy welded frame. Heater—150-watt, mica insulated, nichrome heater; bi-metal switch. Two 21 in. feed troughs and one 21 in. water trough. Three special formed grills—painted red. 100-125 chick capacity. Shipping weight 35 lbs. \$13.95.

No. 302—Battery Brooder.—Overall width 32½ inches. Length 40¼ inches. Height 11½ inches. Feed and Water Troughs length 22 in., width 4¼ in., depth 2 in. Heat furnished by circular 150-watt Acra heat unit. Temperature controlled by Micro Switch and Wafer Thermostat, easily and accurately adjustable. Receptacle furnished for pilot light. Bulb not furnished. 100 day-old chicks. \$14.00.

### METAL NESTS



No. 10—Heavy Galvanized 10 Hole.....\$16.40

### C-S AUTOMATIC POULTRY WATERER

The C-S Automatic Poultry Waterer is fully automatic. No moisture or dampness around drinking fountain, no overflow and no drip. When cup is removed for cleaning, the valve automatically closes. **No other valve has this patented feature.** Valve automatically opens when cup is replaced and closes when the desired level of water is reached. This level is adjustable to suit the user.

The C-S automatic waterer will supply 1 pint of water every 1½ minutes, at a maximum. Each cup will supply 125 hens with fresh, clean water.

The C-S automatic waterer screws into any ½ inch pipe fitting. It works on any water pressure and needs no overflow drain. **\$3.25 Each.**

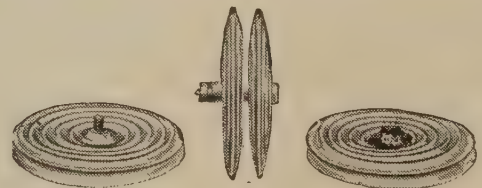
Rabbit Automatic Waterer. **\$1.50 Each.**

### CELLULOID LEG BANDS



- No. 1—Asiatics. ¾ in. 15c per doz.; 35c for 50; 60c per 100.
- No. 2—Americans. 11/16 in. 15c per doz.; 35c for 50; 60c per 100.
- No. 3—Mediterraneans. 9/16 in. 15c per doz.; 35c for 50; 60c per 100.

### DOUBLE UNIT WAFER THERMOSTATS



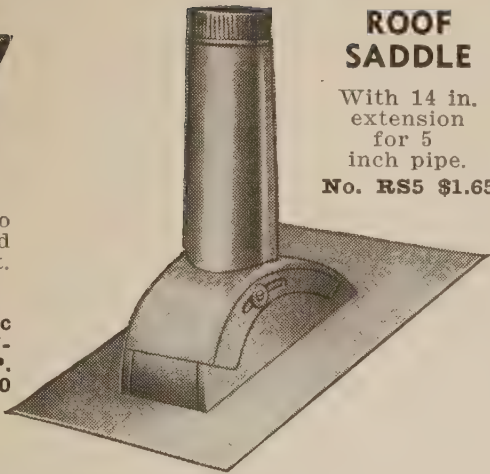
No. 33U—3 inch.....Each 35c





PIPE CAP

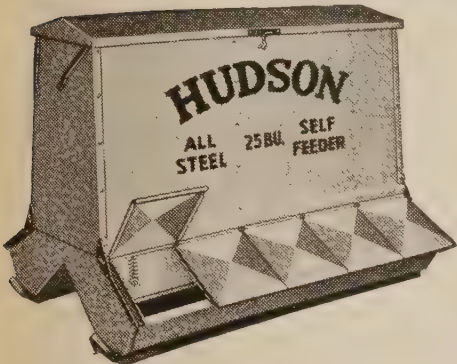
Widely used to keep out rain and assure good draft. For 5-inch pipe. No. PC5 PIPE CAP .35c No. RC5 REVOLVING PIPE CAP. \$1.00



ROOF SADDLE

With 14 in. extension for 5 inch pipe. No. RS5 \$1.65

HUDSON ALL-STEEL "HOG" SELF FEEDERS



Handles Even Ground Feeds Without Clogging. Controlled Feed Flow with Inverted "V" Bottom—Gives Every Hog an Equal Chance. Compartments to Feed Grain, Minerals or Ground Feeds at the Same Time. Heavy Gauge Galvanized Steel—Thoroughly Braced. Feed Protected from Rain and Rodents.

Dimensions: Overall height 44 inches. Width at trough 44 inches. Depth of hopper 40 inches. Width of hopper at top 18 inches. Width of hopper at bottom 23 inches. Doors 12 inches square.

- No. 2X5 FEEDER. For 15 head. 2-foot, 2 doors, 1 compartment, 5 bushel capacity. Weight 65 lbs. \$23.00. No. 315 FEEDER. For 45 head. 3-foot, 6 doors, 2 compartments each with separate feed regulators. 15 bushel capacity. Weight 145 lbs. \$45.00. No. 525 FEEDER. 75 head. 5-foot, 10 doors, 3 compartments each with separate feed regulators. 25 bushel capacity for general feeding. Weight 235 lbs. \$62.00. No. 735 FEEDER. 110 head. 7-foot, 14 doors, 3 compartments each with separate feed regulators. 35 bushel capacity for general feeding. Weight 325 lbs. \$84.00.

HUDSON ALL-STEEL FEED COOKER CALDRON KETTLE TYPE

Heavy 14 gauge boiler steel kettle has an extra thick bottom—10 gauge. Jacket is heavy 16 gauge steel, reinforced at bottom with heavy steel channel. Bottom is open. Fitted with steel smoke collar that will take a 6-inch pipe.

Table with 7 columns: Model, Actual Capac. Gallons, Uses Jacket No., Jacket Circum. in Inches, Jacket Height in Inches, Shpg. Weight Pounds, Price Each. Rows include No. 1 Cooker, No. 3 Cooker, No. 4 Cooker, and No. FC35 Coal Grates.

Note: Smoke pipe, elbow and damper not included.

QUICKEE HAND CLEANER

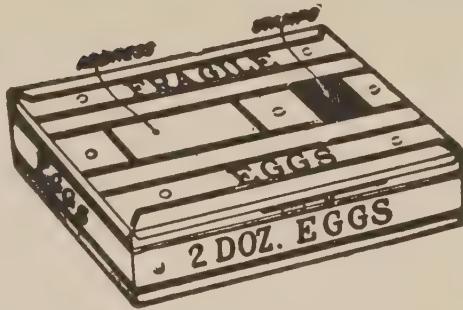


It's New Contains Lanolin and Vegetable Oil

It's Better Prevents Chapping Keeps Hands Soft

Quickee Hand Cleaner removes paint, grease, grime, printer's ink, carbon, glue, plastic mixtures without the use of water. Just rub this soft, creamy cleaner thoroughly on hands and wipe dry. 13 oz. \$0.60 7 lb. 4.00 20 lb. \$10.00 35 lb. 15.50

PARCEL POST METAL EGG CRATES



- 1-doz. size.. \$1.75 2-doz. size.. 2.00 3-doz. size.. 2.50 4-doz. size.. 3.00 6-doz. size.. 3.50

BOXES FOR FRESH EGGS

This is not a parcel post or express box, but is intended for counter and private use. Eagle Egg Boxes. Three rows for 12 eggs. 100 for \$1.90. Carton of 250 for \$4.00. 1000 for \$15.00.

EGG PRESERVATIVE (Water Glass)

1 quart will make three gallons solution, sufficient to preserve twenty dozen eggs. 1 qt. can 60c; 1 gal. can \$1.70.

TOXITE

(Liquid)

Stops bloody diarrhea and prevents losses from coccidiosis, worms, and other diseases. KILLS disease germs, red mites, bedbugs, and other pests. Qt. 75c; gal. \$2.00; 5 gal. drum \$7.50.

Toxite Ointment

Jar, 60c



PTZ

The new worm treatment for sheep, goats and other farm animals. Made with Phenothiazine. Has unusual power in expelling many different kinds of worms.

PTZ Pellets

- 13 1/2 Gram.....6 3/4c 8 Gram..... 4c Special Forceps 50c

PTZ Powder

- 25 lb. Pkg....\$27.50 10 lb. Pkg.... 12.00 4 1/2 lb. Pkg.... 5.85 1 1/4 lb. Pkg.... 1.75 4 oz. Pkg.... .55



PTZ Pasture Mix for Sheep 50 lb. bag \$6.50

SOFENATE ALL-ROUND FARM DISINFECTANT

It's a powder, just mix with water. Ideal for dairy and all milk-handling equipment. Can be used for days because it's stable, odorless, tasteless, will not taint milk. A wonderful deodorant and germicide.

- 5 lb. Package.....\$5.00 1 lb. Package..... 1.25



WALKO TABLETS



- FOR BABY CHICKS Pkg. of 100...\$0.50 Pkg. of 235... 1.00 Pkg. of 1000.. 2.50 Pkg. of 2000.. 4.00

DR. HESS STOCK SPRAY CONCENTRATE



A liquid to be diluted with water. Contains DDT for residual killing effect and Thanite for quick knockdown and total permanent paralysis of flies. Spray over cows before milking. 8 oz. 90c; pt. \$1.75; qt. \$3.00.



# THE DR. HESS PRODUCTS

## DR. HESS STOCK TONIC



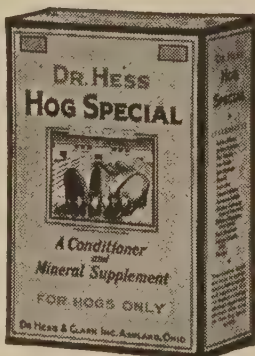
100 lb. Pkg. ....\$12.00  
35 lb. Pail. 4.75

For cattle, horses, sheep and hogs. Improves appetite. Stock Tonic supplies needed minerals, tonics and vitamin 'D'. In tests conducted under average farm conditions, cows fed Dr. Hess Stock Tonic gave ¼ lb. more milk per lb. of grain consumed and feeder cattle averaged 1/3 lb. more gain daily.

10 lb. Pkg. ...\$1.75  
5 lb. Pkg. ... 1.00  
2 lb. Pkg. ... .45

## DR. HESS HOG SPECIAL

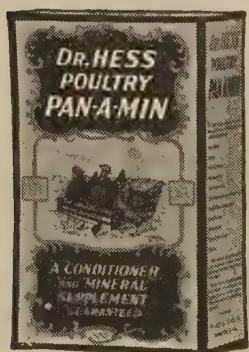
Hog Special supplies Tonics, minerals and vitamin 'D' and keeps hogs in full function. Tests show that hogs fed Dr. Hess Hog Special reached market weight 6 to 16 days earlier and consumed 20% less feed.



100 lb. Pkg. ....\$12.00  
35 lb. Pail. 4.75

10 lb. Pkg. ...\$1.75  
5 lb. Pkg. ... 1.00  
2 lb. Pkg. ... .45

## DR. HESS POULTRY PAN-A-MIN



A tonic-conditioner for both young and mature fowls. Whets appetite. Increases food consumption. Supplies necessary materials apt to be lacking in feeds.

Hens fed Pan-a-min regularly laid 19 more eggs per year. Baby chicks grow faster and mature earlier when Pan-a-min is their ration. Helps shorten the moulting period. Cost only 10¢ per hen per year.

100 lb. Pkg. ....\$12.00  
35 lb. Pail. 4.75

10 lb. Pkg. ...\$1.75  
5 lb. Pkg. ... 1.00  
1½ lb. Pkg. ... .35

## DR. HESS CHICK TABLETS

A bowel astringent for drinking water. Used in the treatment of diarrhea in baby chicks or adult birds. As soon as tablets dissolve they stay in solution indefinitely. All the water is thoroughly medicated and remains effective.

Pkg. (250 Tablets) \$1.00  
Pkg. (100 Tablets) .50  
Pkg. (50 Tablets) .25



## Dr. Hess Powdered Louse Killer



Contains DDT. Kills lice on poultry, cattle or horses. Kills fleas found on dogs, cats and other animal pests. Just punch holes in can, dust on freely and rub in as directed. (Repeat when necessary.)

7½ lb. Package ....\$1.85  
2½ lb. Package .... .75  
1 lb. Package .... .35

## Dr. Hess Poultry Tablets

A disinfectant for drinking water and local antiseptic. Valuable in treating roup. Once dissolved, solution needs no further stirring.

Pkg. (250 Tablets) \$1.00  
Pkg. (100 Tablets) .50  
Pkg. (50 Tablets) .25



## DR. HESS NFZ

Employs new drug Furacin for prevention and control of cecal (bloody) coccidiosis and pullorum in poultry.

At first sign of bloody droppings, feed NFZ at the rate one pound in 100 lbs. mash for 4 or 5 days. In many instances one dosing will suffice, but if coccidiosis reappears, repeat the course of medication.

Approximate quantity NFZ required for coccidiosis for 5 day treatment for 100 chicks.

4 to 6 weeks old—¼ lb.  
8 to 12 weeks old—½ lb.

For Pullorum 1 lb. NFZ with 65 pounds feed to be fed continuously for not less than 10 days nor more than 14 days.

1 lb. size .....\$ 2.25  
5 lb. size ..... 10.00  
20 lb. size ..... 35.00

## NICOZINE TABS

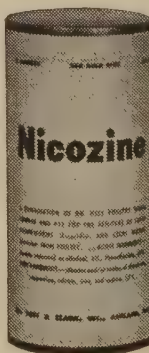
Same material as powder, but compressed into tablets. Made for those who prefer individual treatment.

1000 Tablet Package .....\$8.00  
250 Tablet Package ..... 2.50  
100 Tablet Package ..... 1.25  
50 Tablet Package ..... .65

## NICOZINE

A single dose flock treatment for large round worms and cecal worms in poultry and turkeys. It contains the recognized specifics for both these worms. Odorless, tasteless and non-toxic. Will not knock egg production.

1000 Bird Size (2¾ lb. Pkg.) ...\$5.40  
250 Bird Size (11 oz. Pkg.) .... 1.90  
10' (4-2/5 oz. Pkg.) .90  
50 (2-1/5 oz. Pkg.) .50



## DR. HESS UDDER OINTMENT



A soothing, penetrating emollient for injured, caked or swollen udders, chapped teats and superficial injuries.

8 oz. jar .....\$0.55  
1 lb. jar ..... 1.00

## DR. HESS POULTRY INHALANT



An aid in expelling mucous from the upper respiratory tract and treating minor bronchial irritations in both poultry and swine. 4 ozs. makes ½ gallon spray, enough to treat 100 birds 32 times.

Pint Bottle .....\$1.85  
8 oz. Bottle ..... 1.10  
4 oz. Bottle ..... .65

## DR. HESS SIX

A new and better roost paint for the control of poultry lice and mites. SIX is superior to even the better grades of old-style roost paints, and it costs only about half as much to use. It comes in a handy spout-type container.

1 quart .....\$2.00  
1 pint ..... 1.25  
8 oz. .... .75

## DR. HESS POL

A new chemical dehorner. Prevents growth of horns on young calves and kids. Easily applied; one man alone can do it. Relatively painless and adheres firmly, so it is not likely to be rubbed off. Bottle equipped with brush for easy application. Treat calves when 3 to 10 days old. No danger to calf or to cow's flank's or udder when calf suckles.

Bottle .....\$1.25

## DR. HESS DIP AND DISINFECTANT

For Killing sheep ticks, hog lice, poultry mites and other skin parasites of livestock. Has carbolic acid coefficient of 5. Makes milky white emulsion. Goes further and costs less than cheap inferior products. For stables, stock pens, barns, poultry houses, garbage cans—wherever there is filth, or foul odors arise.

1-gal. jug .....\$2.00  
¼-gal. bottle ..... .75  
12-oz. bottle ..... .50

Special price in 30 and 50 Gal. Drums

## DR. HESS BARN SPRAY



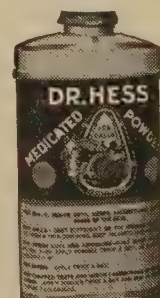
A 50% DDT powder. Use 1 lb. in 2½ gallons water. This quantity will spray 2500 square feet of inside barn or stable surface. All flies settling on sprayed areas die. Long lasting. One application effective for six weeks to two months.

2 lb. ....\$1.98  
5 lb. pkg. .... 4.75

## DR. HESS MEDICATED POWDER

A soothing white powder for cuts, scratches, galls, skin abrasions and all surface wounds. Forms a thin protective coating and wound can start healing. Use in the home after shaving, for scalds, burns, galls and chafed skin. Dust in the shoes.

4-oz. can .....\$0.25





Richardson's  
Griffith & Turner's  
Wiseman-Downs'

# Pratts, REMEDIES

for

**Poultry and All Livestock**



## PRATT'S POULTRY REGULATOR

Pratt's Poultry Regulator is guaranteed to produce more eggs in 15 days or money back. Just add it to your mash. Makes feed more complete. Tones up run-down birds. Prices:

18 oz. Package.....\$0.30	12½ lb. Package.....\$2.25
6 lb. Package.....1.20	35 lb. Package.....5.75
2¾ lb. Package......60	100 lb. Bag.....12.00

## PRATT'S "SPLIT ACTION" WORM CAPSULES

Wormy birds seldom lay well. Get rid of worms with Pratt's "Split-Action" Worm Capsules that do the work of two ordinary worm treatments at one low cost. They contain Phenothiazine and get cecum worms, too. Prices:

**For Chicks and Pullets**  
Up to 3 lbs.

Pkg. 50 Capsules...\$0.55
Pkg. 100 Capsules...1.00
Pkg. 500 Capsules...4.25
Pkg. 1000 Capsules...7.25

**For Adult Fowls**

Pkg. 50 Capsules...\$0.85
Pkg. 100 Capsules...1.50
Pkg. 500 Capsules...6.00
Pkg. 1000 Capsules...11.25

## PRATT'S C-K-GENE

**STOP HEAVY LOSSES FROM BLOODY COCCIDIOSIS**  
with Pratt's C-Ka-Gene, a highly effective flock treatment that works by the new immunity (permanent protection) method. Prices:

1¾ lb. Pkg. 50 Chick Size.....\$0.90
3½ lb. Pkg. 100 Chick Size.....1.60
8¾ lb. Pkg. 250 Chick Size.....3.50
17½ lb. Pkg. 500 Chick Size.....6.25
100 lb. Pkg. 3000 Chick Size.....30.00

## PRATT'S ROOST PAINT

Just apply Pratt's Roost Paint to the tops of the roosts and the cross arms. Kills lice both by fumes and contact. Effective under all hen house conditions. Prices:

4 oz. treats 100 ft. of Roosts.....\$0.60
½ pt. treats 240 ft. of Roosts......85
1 pt. treats 480 ft. of Roosts.....1.40
1 qt. treats 960 ft. of Roosts.....2.50
1 gal. treats 3840 ft. of Roosts.....8.00

## PRATT'S CHICK TABLETS

They protect the drinking water all day . . . not for just a few hours. Prices: 35c; 70c.

## PRATT'S IN-TEST-TROL

1 pt. bottle.....\$0.75	1 qt. bottle.....\$1.25
1 gal. bottle.....\$3.50	

## PRATT'S FARM BUILDING SPRAY (25% DDT emulsion)

1 qt. ....\$1.55	1 gal. ....\$5.00
------------------	-------------------

## PRATT'S PIK-NO-MOR

**Control Cannibalism** with Pratt's Pik-No-Mor. This distasteful salve is usually very helpful in controlling outbreaks of cannibalism toe, feather and vent picking in chicks and adult fowls. Prices: 35c; 70c; \$1.50.

## PRATT'S INHALANT

For quick relief from the symptoms of simple colds and catarrh in poultry. Its "water soluble" medication mixes with the watery secretions of the nasal tract whereas "oil base" inhalants would leak right out. Prices:

1 pt. bottle.....\$0.70
1 qt. bottle.....1.25
1 gal. bottle.....3.25
5 gal. carboys .....15.00

## PRATT'S R-P TABLETS

For use in the drinking water of adult birds. Prices: 35c; 70c.

## PRATT'S POULTRY WORM POWDER

A new kind of worm powder. Controls both large round and cecum worms. Contains Phenothiazine . . . an intestinal astringent . . . and a tonic to aid the recovery of run-down wormy birds. Prices:

4 oz. Pkg. 50 Hen Size.....\$0.70
8 oz. Pkg. 100 Hen Size.....1.35
2½ lb. Pkg. 500 Hen Size.....5.50

## PRATT'S POWDERED LICE KILLER

For use in poultry nest or dust boxes. Also for de-lousing horses, cows, dogs, and cats. Prices: 40c; 80c.

## PRATT'S DISINFECTANT

A standard coal tar disinfectant such as all authorities recommend. For use on all poultry and livestock farms. Prices:

1 pint .....\$0.60	1 gallon .....\$2.15
1 quart ......85	50-gal. drum .....59.40

## PRATT'S ZENE-A-TROL

The kind of Phenothiazine powder discovered miraculously effective for worming hogs, sheep, cows, turkeys and chickens by the U. S. Department of Agriculture. Prices:

½ lb. Carton.....\$1.00	25 lb. Drum.....\$32.50
1 lb. Carton.....1.50	150 lb. Drum.....126.00
5 lb. Carton.....7.00	

## PRATT'S ANIMAL REGULATOR

A new kind of stock tonic that supplies the important "Trace Elements" indispensable to proper animal nutrition. Also supplies Vitamin D and common minerals. Sharpens appetite and aids digestion. Prices:

18 oz. Package.....\$0.35	6 lb. Package.....\$1.40
2½ lb. Package......70	35 lb. Package.....7.50
100 lb. Bag.....\$18.50	

## PRATT'S HOG POWDER

A tonic and mineral supplement formulated specially for swine. Supplies Vitamin D. 18 oz. pkg. 35c each; 3 lb. pkg. 70c each; 7 lb. pkg. \$1.40 each.

## PRATT RAT KILLER

With Antu

65c; \$1.50; \$2.50.

## PRATT'S CATTLE & BARN SPRAY

1 pt. bottle.....\$1.75 each	1 gal. bottle....\$12.00 each
1 qt. bottle.....3.25 each	5 gal. carboys..55.00 each



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## PARCEL POST RATES From Baltimore

Wgt. in lbs.	Local	ZONES			
		1-2	3	4	5
		Up to 150 miles	150 to 300 miles	300 to 600 miles	600 to 1,000 miles
1	\$0.10	\$0.12	\$0.13	\$0.14	\$0.15
2	.11	.15	.16	.19	.21
3	.12	.17	.19	.23	.27
4	.13	.19	.22	.28	.33
5	.14	.21	.25	.32	.39
6	.15	.23	.28	.37	.45
7	.16	.25	.31	.41	.51
8	.17	.27	.34	.46	.57
9	.18	.29	.37	.50	.63
10	.19	.31	.40	.55	.69
11	.20	.33	.43	.59	.75
12	.21	.35	.46	.63	.80
13	.22	.37	.49	.68	.86
14	.22	.39	.52	.72	.91
15	.23	.41	.54	.76	.97
16	.24	.43	.57	.80	1.02
17	.25	.45	.60	.85	1.08
18	.25	.47	.63	.89	1.13
19	.26	.49	.66	.93	1.19
20	.27	.51	.68	.97	1.24
21	.28	.53	.71	1.02	1.30
22	.28	.55	.74	1.06	1.35
23	.29	.57	.77	1.10	1.41
24	.30	.59	.80	1.14	1.46
25	.31	.61	.82	1.19	1.52
26	.31	.63	.85	1.23	1.57
27	.32	.65	.88	1.27	1.63
28	.33	.67	.91	1.31	1.68
29	.34	.69	.94	1.36	1.74
30	.34	.71	.96	1.40	1.79
31	.35	.73	.99	1.44	1.85
32	.36	.75	1.02	1.48	1.90
33	.37	.77	1.05	1.53	1.96
34	.37	.79	1.08	1.57	2.01
35	.38	.81	1.10	1.61	2.07
36	.39	.83	1.13	1.65	2.12
37	.40	.85	1.16	1.70	2.18
38	.40	.87	1.19	1.74	2.23
39	.41	.89	1.22	1.78	2.29
40	.42	.91	1.24	1.82	2.34
41	.43	.93	1.27	1.87	2.40
42	.43	.95	1.30	1.91	2.45
43	.44	.97	1.33	1.95	2.51
44	.45	.99	1.36	1.99	2.56

E. Miller Richardson & Co. exercise the greatest possible care in the selection and testing of all seeds and merchandise to guard against mistakes and insure reliability. We give no warranty, expressed or implied, as to the productiveness of any seeds, bulbs, plants we sell, and will not in any way be responsible for the crop. Our liability in all instances is limited to the purchase price.

No plants will be shipped C. O. D. We ship all nursery stock at the proper time for planting which may be some time after we receive your order. Unpack all plants directly as you receive them, and water. If not ready to use them on arrival, dig a hole and put them in, covering up the roots and water well.

All express or parcel post charges on nursery stock are to be paid by customer.



# FERTILIZERS AND PLANT FOODS

**Adco.** A bacterial food for making artificial manure with leaves, grass cuttings, etc. 25-lb. bag sufficient to make one-half ton of manure, \$2.50; \$12.00 per 150-lb. bag, sufficient to make 3 tons of manure. 7½-lb. pkg. \$1.25.

## AGRICO FOR LAWNS, TREES & SHRUBS

100-lb. ....	\$4.75	25-lb. ....	\$1.60
50-lb. ....	2.65	10-lb. ....	.80
5-lb. ....			.45

## AGRICO FOR BROADLEAF EVERGREENS

100-lb. ....	\$5.50	25-lb. ....	\$2.10
50-lb. ....	3.40	10-lb. ....	1.10

**Aluminum Sulphate.** For rhododendrons and azaleas. Lb. 10c; 5 lbs. 30c; 10 lbs. 50c; 100 lbs. \$3.75.

**Asparagus Salt.** 10 lbs. 50c; 50 lbs. \$1.25; 100 lbs. \$2.00.

**Blood Meal.** A quickly available, yet long lasting organic fertilizer, containing 12% Nitrogen. 1 lb. 25c; 5 lbs. \$1.00; 10 lbs. \$1.85.

**Pure Bonemeal.** 5 lbs. 45c; 10 lbs. 85c; 25 lbs. \$1.50; 50 lbs. \$2.50; 100 lbs. \$4.50.

**Cotton Seed Meal.** At market price.

**WIZARD BRAND COW MANURE (Pulverized or Shredded).** Prices: 5 lbs. 40c; 10 lbs. 70c; 25 lbs. \$1.15; 50 lbs. \$2.00; 100 lbs. \$3.50.

**Hyper-Humus.** Fine for use on lawns, under shrubbery, and on flower-beds. It conserves moisture, puts organic matter in the soil, and cultivates bacteria. 100 lbs. \$2.00.

**Lawn and Garden Fertilizer 5-10-5.** A well balanced, safe and quick acting plant food. 100 lbs. \$3.00.

**Lawn Lime.** Apply at the rate of 50 lbs. to 1000 sq. ft. or 1500 to 2000 lbs. per acre. 50 lbs. 75c; 100 lbs. \$1.25.

**"Camelime" "Pulverized Limestone."** Packed in 80-lb. paper bags. Use 1 bag to 1,600 sq. ft.; 2,000 lbs. to one acre. Per bag 75c; 5 bags, 400 lbs. \$3.50.

**Leaf-Mold.** Fine for mulching rhododendrons and azaleas. Pk. 50c; ½ bu. 90c; bu. \$1.50; in 5-bu. lots, \$1.40 per bu.

**Muriate of Potash.** Lb. 10c; 5 lbs. 40c; 10 lbs. 75c; 25 lbs. \$1.25; 100 lbs. \$4.50.

**Nitrate of Soda.** 5 lbs. 50c; 10 lbs. 75c; 25 lbs. \$1.25; 50 lbs. \$2.00; 100 lbs. \$4.00.

**Potting Soil.** A rich screened soil mixed with humus for window-boxes and flower-pots. Pk. 40c; ½ bu. 70c; bu. \$1.25.

## VERMICULITE (Terra-Lite Brand)

Expanded Vermiculite is a new sensational sterile, inert, plant growing medium far superior to mixtures of sand and soil, sphagnum moss, etc., for producing the finest seedlings and best rooted cuttings. Cuttings of even very difficult varieties are easily rooted. Vermiculite has many other horticultural uses such as soil corrective, mulch, for bulb storage, etc. Packed in bags of approximately 2½ cu. ft., weighing about 15 lbs. \$1.75 ea.; ½ bu. 85c; ½ pk. 45c.

## VIGORO

### COMPLETE PLANT FOOD

For Lawns, Flowers, Shrubs, Trees and Gardens

A Product of Swift

1 lb. ..	\$0.15	10 lbs. ..	\$0.90
5 lbs. .	.50	25 lbs. .	1.60
		100 lbs. .	\$4.25

**Peat Moss.** It corrects sandy or loamy or clayey soils so that they will hold just the right quantity of moisture and produce better plants. Bale \$4.90.

**Special Rose Food.** An Organic No-Filler. 100% Plant Food of Dried Blood, Fish Scrap, Bone Meal, Guano, Potash, Cotton Seed Meal, Super-phosphate and Powdered Poultry Manure. 5 lbs. 75c; 10 lbs. \$1.25; 25 lbs. \$2.75.

**SHEEP MANURE, WIZARD BRAND** Prices: 5 lbs 40c; 10 lbs. 70c; 25 lbs. \$1.15; 50 lbs. \$2.00; 100 lbs. \$3.50.

**Superphosphate.** 10 lbs. 45c; 25 lbs. 85c; 100 lbs. \$2.25.

**Tobacco Dust.** Lb. 10c; 5 lbs. 35c; 10 lbs. 60c; 25 lbs. \$1.25; 100 lbs. \$4.00.

**Tobacco Stems.** 50 lbs. \$1.50; 100 lbs. \$2.50.

## PLANT FOODS

are generally applied on lawns and gardens at the rate of 4 pounds to 100 square feet. An average city lot 50x150 feet should have from 100 to 200 lbs., or from 800 to 1,000 lbs., per acre.



Esskay Plant Food is a complete fertilizer, containing all of the required elements assembled in balanced proportions, and will prove a wonderful tonic for your lawns, gardens, trees, or shrubs.

Esskay Plant Food is not a temporary stimulating food. It has all the elements necessary to accelerate and complete growth.

10 lbs. ....	\$0.85
25 lbs. ....	1.50
50 lbs. ....	2.50
100 lbs. ....	4.00

"BUILDS UP THE SOIL"

All Fertilizers and Plant Foods F.O.B. BALTIMORE. Prices Subject to Change Without Notice

## MILLER'S V H P F Soluble Fertilizer

"A LITTLE DOES SO MUCH"

Use 1 lb. to 30 gallons water  
To grow Vegetables, Flowers,  
Lawns, Shrubs, Trees

More efficient - More economical  
Gives plants a quick start  
Increases yields

1-lb. package .....	\$0.50
3-lb. package .....	1.00
30-lb. (cs. of 10 - 3 lb. pkgs.) ....	7.50

## WINDOW BOXES

**Window Boxes.** Metal Self-watering with Inner Plate and Drain Screw (green). 20 inch \$2.50; 26 inch \$3.00; 32 inch \$3.50.



Your window-box flowers  
need PLANTABBS now!

PLANTABBS build up resistance to sunless days and indoor temperature changes, assuring abundant foliage and glorious flower coloring!

PLANTABBS are rich, easy - to - use PLANT FOOD TABLETS. Clean, odorless—they have a long record for producing beautiful house plants and garden flowers of every variety in every clime. 25c, 50c, \$1.00 and \$3.50 sizes.

*Fulton's*  
**PLANTABBS**  
PLANT FOOD TABLETS PLUS B!

## The Complete PLANT FOOD





# LAWN SEED

## RICHGREEN LAWN GRASS SEED

Yearly comparative trials have proved this strain to be unsurpassed for first-class, permanent lawns. Only the finest varieties of suitable grasses are used and the seed is re-cleaned until it is free from chaff and weed seeds.

This seed will produce a green, smooth, deep-rooted, velvety sod with a thick bottom, free from the common grasses which produce clumps and knots on the lawn. It is used extensively on the finest estates to produce those exquisitely smooth, rich green sweeps of lawn which are so much admired. **Lb. 65c; 3 lbs. \$1.85; 5 lbs. \$3.00; 10 lbs. \$5.90; 20 lbs. \$11.50; 100 lbs. \$56.00.**

## SUPERFINE LAWN SEED

This is a correct combination of triple refined imported and domestic grasses, including a liberal proportion of Bent Grass, producing a rich green turf. **Superfine** is undoubtedly the finest Lawn Seed available in this country or abroad. One pound will sow an area of 200 square feet. **Lb. 80c; 5 lbs. \$3.85; 10 lbs. \$7.50; 20 lbs. \$14.50; 100 lbs. \$70.00.**

## SHADY PLACE LAWN GRASS MIXTURE

Will quickly produce an abundant and even growth of beautiful green grass in shade, and as it blends well with our Richgreen Lawn Grass Seed it may be used on those portions of the lawn which are shaded by trees, buildings, etc., thus covering the whole area with a rich green sward. **Lb. 75c; 3 lbs. \$2.20; 5 lbs. \$3.50; 10 lbs. \$6.75; 20 lbs. \$13.00; 100 lbs. \$63.00.**

**LAWN GRASSES** should be used at the rate of one pound to 200 square feet, 100 lbs. per acre. Very much better results can be had from lawn seeding if it is done early in the spring just as soon as the soil can be conditioned, so as to allow ample time for development of a healthy root growth that will survive summer heat. **DO NOT** expect to have a good lawn on poor worn out soil. You must use lawn food.

## SANDY SOIL LAWN GRASS

A carefully blended mixture of fine-bladed grasses that will produce a permanent and beautiful lawn on the lightest and most sandy soils. Seed one pound to 200 sq. ft. **Lb. 75c; 3 lbs. \$2.20; 5 lbs. \$3.50; 10 lbs. \$6.75; 20 lbs. \$13.00; 100 lbs. \$63.00.**

## PERMANENT TERRACE AND SLOPE MIXTURE

This mixture has been carefully blended so as to contain various grasses of rapid, dense, even growth and strong root systems, which will insure a permanent beautiful slope. **Lb. 75c; 3 lbs. \$2.20; 5 lbs. \$3.50; 10 lbs. \$6.75; 20 lbs. \$13.00; 100 lbs. \$63.00.**

## VELVET GREEN LAWN GRASS

This is a high quality Grass Seed that will produce a beautiful lawn. **Lb. 55c; 5 lbs. \$2.50; 10 lbs. \$4.75; 20 lbs. \$9.00; 100 lbs. \$43.00.**

## WHITE DUTCH CLOVER

The best Clover for lawns.  $\frac{1}{4}$  lb. 40c;  $\frac{1}{2}$  lb. 75c; 1 lb. \$1.25; 5 lbs. \$6.00, f.o.b. Baltimore.

*E. Miller Richardson & Co.  
Griffith & Turner  
Wiseman-Downs Co.*

• 114-116 Light St.	• PLaza 8684-85	• Baltimore-2, Md.
• 124 North Paca St.	• SARatoga 2300-01	• Baltimore-1, Md.
• 34 East Pratt St.	• PLaza 3895-96	• Baltimore-2, Md.